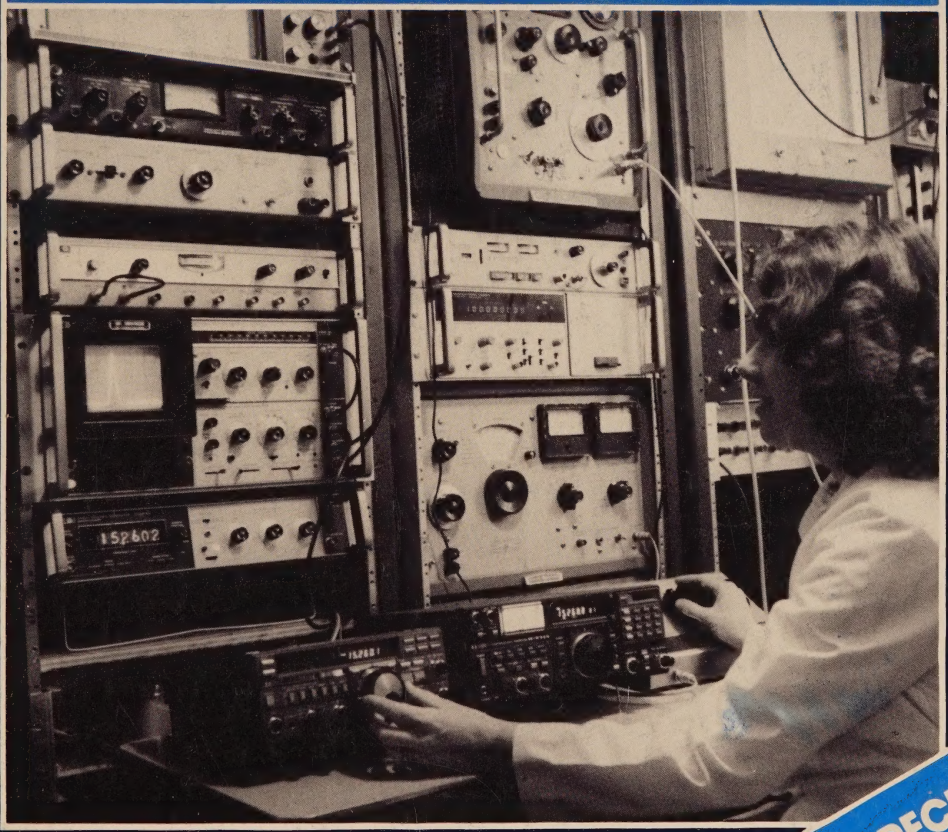
International Broadcasting Services, Ltd.

INTERNATIONAL BROADCASTING EDITION

RADIO DATABASE INTERNATIONAL

QUICK-ACCESS GUIDE TO SHORTWAVE BROADCASTING SCHEDULES



TESTS OF 13 NEW RECEIVERS: SONY, YAESU, ESKA, MORE...

LAWRENCE MAGNE
TONY JONES
EDITORS

PART I
$9.95

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RADIO DATABASE INTERNATIONAL

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PREFACE

How have we been preparing for this inaugural International Broadcasting Edition of RADIO DATABASE INTERNATIONAL? Aside from laying to rest the gremlins of an unusually complex new operation, we've been beavering away these past several months to produce what I think you will find is a more useful, complete and longer-lasting reference than that which was originally conceived and publicized.

When the concept of what is now RADIO DATABASE INTERNATIONAL was originally drawn up some three years ago, our principal objective was to create a new type of system that would allow the complex schedules of thousands of shortwave broadcast transmissions to be presented—finally—in a straightforward, easily accessible manner. We've accomplished this. In fact, we've improved upon our presentation and language coverage for this edition. But that, in itself, isn't enough. With publications such as *TV Guide* being made available well in advance of their coverage period, it makes little sense for us to accept as the only choices the providing of timely but inaccurate information, on one hand, or accurate but tardy information, on the other. Granted, there is an appalling lack of advance schedule information from stations. And—unlike with local TV—there are hundreds...not dozens...of shortwave stations to cover. But none of this resolves the listener's legitimate need for schedule reference material that is timely, yet accurate and comprehensive.

We haven't invented a magic wand to resolve all this. To begin with, we still haven't devised a satisfactory means to present data for stations, such as Radio Norway International, whose schedules vary markedly not only from year-to-year, but also within any given broadcasting period. And much more research is still required to achieve our standards of accuracy for long-term propagational forecasts.

What we have done is to make strides in the desired direction by breaking away from relying primarily on stations to provide...or not provide... schedule data for publication. Instead, what you'll find in this inaugural International Broadcasting Edition—and the companion Part II covering the "you are there" domestic broadcasting portion of the shortwave spectrum—are actual operating schedules based on firsthand worldwide monitoring during the past several months, supplemented below 12 MHz by our own predictive data. This should allow RDI to be a uniquely useful companion to your radio throughout the year to come. To supplement this, RADIO DATABASE INTERNATIONAL presents up-to-the-minute update information on new stations and schedules in *The Shortwave Guide* (Miller Publishing, 424 W. Jefferson, Media PA 19063 USA), as well as over Radio Canada International's "SWL Digest", where I also report regularly on shortwave equipment topics.

Bonne ecoute!

Lawrence Magne
Penn's Park, Pennsylvania

LEXICON OF TERMS

Alt—Alternative Frequency: Frequency that may be irregularly or unexpectedly brought into use in lieu of the regularly scheduled frequency.

AV—A Voz.

BC—Broadcasting, Broadcasting Company, Broadcasting Corporation.

BS—Broadcasting Service, Broadcasting Station.

Cd—Ciudad.

Channel—The norm for channel spacing within the shortwave broadcasting spectrum is 5.0 kHz. A small proportion of stations does not operate within this norm, so RDI provides frequency resolution to better than one kHz to aid in station location and identification.

Cl—Club, Clube.

Country—Country designations of officially recognized nations are those of the International Telecommunication Union. Unofficial broadcasters and geographical entities are included for reference purposes only and do not imply endorsement or recognition by IBS or the ITU.

Cu, Cult—Cultura, Cultural, Culture.

(D)—Winter schedule only.

DS—Domestic Service.

Ed, Educ—Educational, Educação, Educadora.

Em—Emissora, Emisora, Emissor, Emetteur.

EP—Emissor Provincial.

ER—Emissor Regional.

ES—External Service.

F—Friday.

Fade-in, Fade-out—If the RDI monitoring team cannot establish the definite sign-on (or sign-off) of a station, the earliest (or latest) time the station could be traced is entered, instead, as the fade-in (or fade-out) time.

Feeder, shortwave—A Fixed service (point-to-point) transmission, usually in single or independent sideband mode, beamed to a relay site. Although not intended for reception by the public, shortwave feeder transmissions, which can be received on better communications receivers, sometimes provide the best or only means for reception of a particular broadcaster at a given time. For this reason, selected shortwave feeder data is included in RDI, even though any given actual useage may be irregular. Transmission modes for shortwave feeders are:

- LSB—Lower Sideband (single-sideband signal)
- ISL—Lower Sideband (of independent-sideband signal)
- USB—Upper Sideband (single-sideband signal)
- ISU—Upper Sideband (of independent-sideband signal)
- RAM—Double Sideband, Reduced Carrier signal

FR—Federal Republic.

Frequency—The measurement most widely accepted to indicate the location of a station within the radio spectrum. Frequency is most often expressed in kilohertz (kHz) or Megahertz (MHz), although wavelength is still used in Eastern Europe and certain other parts of the world. The frequency of a station may be determined from the wavelength via the following formula: Frequency (kHz) = 299,792/Wavelength (Meters). Also, cf. "Wavelength" and "Channel".

Irr—Irregular operation or hours of operation; i.e., schedule tends to be unpredictable.

Is—Island(s).

(J)—Summer schedule only.

Jamming—Deliberate interference to a transmission with the intent of making reception impossible. The vast majority of jamming currently emanates from the Soviet Union and its Eastern European allies and is directed against broadcasts in Armenian, Azerbaijani, Belorussian, Bulgarian, Czech, Estonian, Georgian, Hebrew, Latvian, Lithuanian, Polish, Russian, Slovak, Tatar-Bashkir, Turkestani, Ukrainian, and Yiddish. Soviet/Eastern European jamming consists largely of a sound not unlike that of a roomful of truck or lorry engines roaring away. Coded messages appear now and then amidst the roaring, and in some instances distorted programming from the Soviet "Mayak" (DS-2) home service is mixed in, as well. One means to cope with jamming interference is to determine which bands are most likely to provide good reception from the part of the world you wish to hear, while at the same time are not likely to provide good reception from the Soviet Union and Eastern Europe. Directional antennas also can improve the signal-to-jamming ratio under certain circumstances.

kHz—Kilohertz (cf. Frequency).

kW—Kilowatt(s) (cf. Power).

Loc—Local.

Location—The physical location of the transmitter/antenna complex. This location may not correspond to the location of the studios in which the broadcasts are prepared. Data on location names are derived, in most instances, from the Map Section of the 1983 Comprehensive Edition of *The Times Atlas of the World*. As transmitter complexes of major international broadcasters are sometimes located in sparsely populated areas, the exact transmitter site may be up to several kilometers from the location indicated. Those in need of precise transmitter geographical coordinates should contact the Publications Department of the ITU.

LV—La Voix, La Voz.

M—Monday.

MHz—Megahertz (cf. Frequency).

Multilingual—A combination of any "graphics language" (Arabic, Chinese, English, French, German, Japanese, Portuguese, Russian, Spanish) with another language. Thus, a transmission in English and Urdu would be designated as Multi-

lingual, rather than English, whereas a transmission in Tamil and Urdu would be designated as Other.

N—New, Nueva, Nuevo, Nouvelle, Nacional, National.

Nac—Nacional.

Nat, Natl—National, Nationale.

Network—The network or service of a broadcast. Domestic Service transmissions are always so indicated by "DS".

Non-AM Mode—Transmission in other than the conventional double-sideband-with-carrier ("AM") mode (see "Feeder, shortwave" for list of non-AM modes).

PBS—People's Broadcasting Station.

Power—RF output power, i.e. before amplification by the antenna, in kilowatts (kW). The present range of powers in use for shortwave broadcasting is 0.04-600 kW.

PR—People's Republic.

PS—Provincial Station, Pangsong.

Pto—Puerto, Pôrto.

R—Radio, Radiodiffusion, Radiodifusora, Radiodifusão, Radiofonikos, Radiostansiya, Radyo, Radyosu, etc.

Reg—Regional.

Relay—Extraterritorial transmission facility, usually fed by recording, satellite, or shortwave feeder (cf.).

Rep—Republic, République, Republica.

RT, RTV—Radiodiffusion Télévision, Radio Télévision, etc.

RN—Cf. R and N.

RS—Radio Station, Radiostantsiya, Radiofonikos Stathmos.

S—San, Santa, Santo, São, Saint.

Sa—Saturday.

Shortwave Spectrum—The shortwave, or High-Frequency, spectrum is that portion of the radio spectrum that lies between 3-30 MHz (3,000-30,000 kHz); however, common useage places the shortwave spectrum between roughly 2-30 MHz. Although broadcasting takes place throughout the shortwave spectrum (between-band broadcasting is known as "out-of-band" broadcasting, which is sometimes permitted under the Rules and Regulations of the ITU), the recently-adopted—but not yet fully implemented—nominal ITU shortwave broadcasting band parameters are (worldwide unless otherwise indicated):

120 Meter Band:
2300-2498 kHz (Tropical Domestic Broadcasting only)

90 Meter Band:
3200-3400 kHz (Tropical Domestic Broadcasting only)

75 Meter Band:
3900-3950 kHz (Asia & Pacific only)
3950-4000 kHz (except Americas)

60 Meter Band:
4750-4995 kHz (Tropical Domestic Broadcasting only)
5005-5060 kHz (Tropical Domestic Broadcasting only)

49 Meter Band:
5950-6200 kHz

41 Meter Band:
7100-7300 kHz (except Americas)

31 Meter Band:
9500-9900 kHz

25 Meter Band:
11650-12050 kHz

21 Meter Band:
13600-13800 kHz

19 Meter Band:
15100-15600 kHz

16 Meter Band:
17550-17900 kHz

13 Meter Band:
21450-21850 kHz

11 Meter Band:
25670-26100 kHz (25600-26100 kHz until 7/89)

St—Saint.

Sta—Santa.

Sto—Santo.

Su—Sunday.

Target—The international geographical entities to which a transmission is beamed, provided it is intended to be heard outside the country. Targets are as follows:

AF—Africa
AM—Americas
ANZ—Australia & New Zealand
AS—Asia
ATL—Atlantic
CA—Central America, Carribean & Mexico
CAF—Central Africa
EAF—Eastern Africa
EAS—Eastern Asia
EEU—Eastern Europe
ENA—Eastern North America
EU—Europe
EUSSR—Eastern USSR
ME—Middle East
NA—North America
NAF—Northern Africa
PAC—Pacific
SA—South America
SAF—Southern Africa
SAS—Southern Asia
SEA—South-East Asia
USSR—USSR
WAF—Western Africa
WEU—Western Europe
WNA—Western North America
WUSSR—Western USSR

(+) Tent—Tentative, i.e. uncertain of accuracy of certain listed details, e.g. exact station name.

Th—Thursday.

Tu—Tuesday.

UTC—Coordinated Universal Time, a/k/a Greenwich Mean Time (GMT) or Zulu (Z): the 24-hour international broadcasting reference, based on the time standard of the Greenwich Observatory in the U.K. The difference between UTC and local time may be determined by listening for routine UTC announcements aired by international

broadcasters. Some shortwave radios and digital watches come equipped with a 24-hour time standard to eliminate the necessity to convert local time to UTC.

v—Variable frequency, i.e. one that is unstable or drifting.

Vo—Voice of.

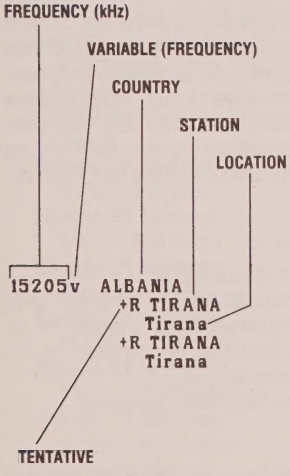
W—Wednesday.

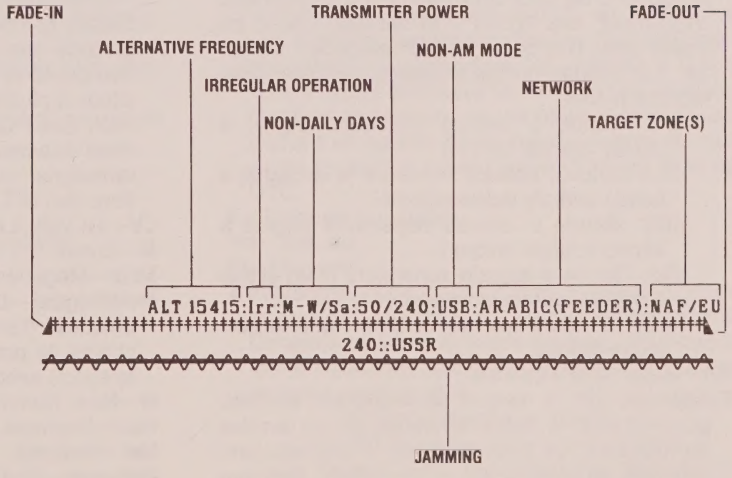
Wavelength—A vintage alternative to Frequency (cf.) to express the location of a station within the radio spectrum. The wavelength of a station may be determined via the following formula: Wavelength (Meters) = 299,792/Frequency (kHz). This formula may also be used to ascertain the metre band of a particular station (cf. Shortwave Spectrum).

WS—World Service.

For countries where savings time is used, schedules may vary by an hour during winter.

GUIDE TO GRAPHICS FORMAT





LEXIQUE

Alt—Alternative.
AV—A Voz.
BC—Broadcasting, Broadcasting Company, Broadcasting Corporation.
BS—Broadcasting Service, Broadcasting Station.
Cd—Ciudad.
Canal—La norme poûr l'espace réservé à un canal est de 5 kHz. Un petit nombre de stations ne suivent pas cette norme. Pour celà, RDI publie une résolution de fréquence supérieure à un kilohertz afin de faciliter l'identification de la station émettrice.
Cl—Club, Clube.
Cu, Cult—Cultura, Culture.
(D)—Horaire uniquement pour l'hiver.
DS—Service Local.
Em—Emissora, Emisora, Emissor, Emetteur.
EP—Emetteur Provincial.
ER—Emetteur Régional.
Fade-in, Fade-out—Debut et fin d' Ecoute—Si les moniteurs qui suivent les stations de radiodiffusion ne peuvent pas établir, d'une manière certaine, les débuts ou les fins d'émission, ils fournissent à **Database** les horaires les plus tôt (pour le début) et les plus tard (pour la fin) des emissions qu'ils ont pu entendre sur la station en question.
F—Vendredi.
Feeder, Shortwave—Ligne d'alimentation, ondes courtes. Consiste en une émission d'un point fixe à un autre, généralement en bandes latérales indépendantes ou bandes latérales uniques, dirigée vers un relais à partir d'un pays ou se situe la station de radiodiffusion. Bien que cette méthode de transmission ne soit pas destinée à être captée par le public, les transmissions d'ondes courtes par ligne d'alimentation peuvent être captées par certains récepteurs qui permettent parfois un meilleur, ou même le seul, moyen de recevoir certaines émissions pendant certaines périodes. C'est pour cette raison que les données concernant des lignes d'alimentation sont incluses dans RDI bien que leur usage soit irrégulier. Les modes de transmission par ligne d'alimentation sont:

LSB—Bande à latérale inferieure (signal à bande latérale unique)
ISL—Bande à latérale inferieure (d'un signal à bande latérale indépendante)
USB—Bande à latérale superieure (signal à bande latérale unique)
ISU—Bande à latérale superieure (d'un signal à bande latérale indépendante)
RAM—Bande à latérale double, signal à porteuse reduite.

FR—République Fédérale.
Fréquence: Est la mesure généralement adoptée pour identifier la station émettrice sur les bandes du récepteur. La fréquence est, le plus souvent, exprimée en kilohertz ou en Mégahertz, bien que les longueurs d'ondes soient encore utilisées en Europe et dans certains autres pays. Les longueurs d'ondes sont exprimées en mètres. Les formules suivantes permettent de passer d'une mesure à l'autre:

Fréquence en kilohertz = 299,792/Longueur d'onde en métres.

Irr—Opération ou heures d'opération irrégulières.
Is—Iles.
(J)—Horaire uniquement pour l'été.
Jamming—Brouillage—Interférence provoquée délibérément pour rendre la réception soit impossible, soit très difficile. La grande majorité des brouillages provient de l'Union Soviétique ou des pays de l'Europe de l'Est et est dirigée contre des émissions en arménien, azerbaijani, biellorusse, bulgare, estonien, georgien, hébreu, latvien, lituanien, polonais, russe, slovaque, tartar-bashkir, tchèque, turkestan, ukrainien et yiddish. Les brouillages en provenance de l'URSS et de l'Europe de l'Est produisent un bruit similaire à des ronflements des moteurs. De temps à autre, des messages codés ou même des programmes altérés provenant du service "Mayak" (DS-2) de l'URSS apparaissent parmi ces brouillages. L'un des moyens de surmonter ces difficultés de réception est d'utiliser les bandes les plus susceptibles de donner une bonne réception du pays que vous désirez écouter et qui, aux mêmes heures, ont le moins de possibilité de donner une bonne réception de l'Union Soviétique ou des pays de l'Europe de l'Est. Une antenne directionelle peut, dans certaines conditions, améliorer le rapport signal/brouillage.
kHz—kilohertz (cf. "Frequence").
kW—kilowatt (s), (cf. "Puissance").
Location—Le lieu ou est situé le complexe emetteur/antenne. Ce "site" ne correspond pas nécessairement à celui des studios qui préparent les programmes. Les sites publiés par RDI proviennent, dans la plupart des cas, de la partie "Cartes" de l'Edition 1983 de la "Comprehensive Edition of *The Times Atlas of the World*". Dans certains cas, les complexes émetteurs/antennes des grandes compagnies de radiodiffusion sont situés à plusieurs kilométres du lieu indiqué dans RDI. Ceux qui désirent connaître les coordonnées exactes d'un émetteur donné peuvent se renseigner auprès du Département de Publications de l'UIT.
LV—La Voix, La Voz.
M—Lundi.
MHz—Mégahertz (cf. "Frequence").
Multilingual—Une combinaison des langues "graphiques" (l'anglais, l'allemand, le chinois, le japonais, le portugais, la russe, le français, et l'espagnol) avec une autre langue.
N—New, Nueva, Nuevo, Nouvelle, National.
Nac—Nacional.
Nat—National.
Network—Chaîne—Chaîne ou Service Ondes Courtes. En dehors de désignations évidentes

telles que "Service Mondial". Les services locaux d'ondes courtes sont indiqués par "DS."

Pays—Les noms de pays publiés dans RDI sont ceux spécifiés par l'UIT. Certaines stations non-officielles et autres entités géographiques sont incluses pour reférence mais n'indiquent d'aucune manière l'endossement ou la reconnaissance de ces stations de la part, soit de IBS, soit de UIT.

PBS—Station national ou local de Radiodiffision de la République populaire de Chine.

Power—Puissance—La puissance RF d'émission en kilowatts avant l'amplification par l'antenne. Actuellement, les puissances utilisées en émission se situent entre 0,04 et 600 kW.

PR—République Populaire.

Pto—Puerto.

R—Radio, Radiodiffusion, Radiodiffusora, Radiodifusão, Radiostantsiya, Radyo, Radyosu, etc.

Relais—Est une installation extraterritoriale généralement alimentée par des enregistrements, par satellite ou par ligne d'alimentation, ondes courtes.

Rep—République.

RTV—Radiodiffussion Télévision.

RN—Cf. R and N.

S—Sa, Santa, Santo, São, Saint.

Spectre Ondes Courtes—Le spectre ondes courtes ou haute fréquence est la partie du spectre radiodiffusé entre 3 et 30 Mhz (3.000-30.000 kHz); cependant, l'usage le plus fréquent est approximativement entre 2 et 30 MHz. Bien que les radiodiffusions aient lieu sur toutes les bandes ondes courtes, les bandes désignées par UIT pour la radiodiffusion ondes courtes sont: (Mondialement à moins qu'il e soit indiqué autrement):

Bande 120 Mètres:
2300-2498 kHz (Zones tropicales exclusivement).

Bande 90 Mètres:
3200-3400 kHz (Zones tropicales exclusivement).

Bande 75 Mètres:
3900-3950 kHz (Asie et Pacifique seulement).
3850-4000 kHz (a l'exception des Amériques).

Bande 60 Mètres:
4750-4995 kHz (Zones tropicales exclusivement).
5005-5060 kHz (Zones tropicales exclusivement).

Bande 49 Mètres:
5950-6200 kHz

Bande 41 Mètres:
7100-7300 kHz (sauf les Amériques)

Bande 31 Mètres:
9500-9900 kHz

Bande 25 Mètres:
11650-12050 kHz

Bande 21 Mètres:
13600-13800 kHz

Bande 19 Mètres:
15100-15600 kHz

Bande 16 Mètres:
17550-17900 kHz

Bande 13 Mètres:
21450-21850 kHz

Bande 11 Mètres:
25670-26100 kHz (25600-26100 kHz jusqu'à 7/89)

Sta—Santa.

Sto—Santo.

Su—Dimanche.

Objectif—L'entité internationale vers laquelle l'émission est dirigée, avec l'intention que l'émission soit entendue à l'etranger. Les objectifs sont les suivants:

AF—Afrique.
AM—Amériques.
ANZ—Australie et Nouvelle-Zélande.
AS—Asie.
ATL—Atlantique.
CA—Amérique Centrale, les Caraibes et le Mexique.
CAF—Afrique Centrale.
EAF—Afrique de l'Est.
EAS—Asie de l'Est.
EEU—Europe de l'Est.
ENA—L'Est de l'Amérique du Nord.
EU—Europe.
EUSSR—Partie Est de l'URSS.
ME—Moyen Orient.
NA—Amérique du Nord.
NAF—Afrique du Nord.
PAC—Pacifique.
SA—Amérique du Sud.
SAF—Region sud Africaine
SAS—Sud de l'Asie.
SEA—Sud-Est de l'Asie.
USSR—URSS.
WAF—Afrique de l'Ouest
WEU—Europe de l'Ouest.
WNA—Ouest de l'Amérique du Nord.
WUSSR—Ouest de l'URSS.

Th—Jeudi.

Tu—Mardi.

UTC—Heure Universelle Coordonnée: Heure Internationale de reférence pour les radiodiffusions, basée sur l'heure standard du méridien de l'Observatoire de Greenwich (GMT) en Angleterre. Les Chaînes Internationales de Radiodiffusion annoncent regulièrement la différence entre l'heure locale et l'Heure Universelle Coordonnée. Certains récepteurs ou montres digitales sont munis d'un cadran 24-heures qui permet de connaître la relation entre l'heure locale et celle de UTC.

V—Fréquence variable.

Vo—Voix de.

W—Mercredi.

Wavelength—Longueur d'Onde. Exprime la place qu'occupe une station sur le spectre radiodiffusé. Un terme maintenant moins souvent utilisé que le terme fréquence. Longueur d'onde et fréquence sont liés par la formule:

Longueur d'onde en Mètres =
299,792 divisé par la fréquence en kHz.

Cette formule peut, naturellement, être utilisée pour déterminer la Bande en Mètres d'une station.

WS—Service Mondial.

LÉXICO DE TÉRMINOS

Alt—Frecuencia alternativa: una frecuencia cuyo uso sea imprevisto o irregular y en lugar de la frecuencia asignada.

AV—A Voz.

BC—Broadcasting, Broadcasting Company, Broadcasting Corporation.

BCS, BS—Broadcasting Service, Broadcasting Station.

Cd—Ciudad.

Channel—Canal. La norma para la separación de canales dentro de la gama de radiodifusión de onda corta es de 5.0 kHz. Un pequeño porcentaje de estaciones no opera dentro de esta norma, así que el RDI proporciona resolución de frecuencia de menos de un kilohertz, para facilitar la ubicación e identificación de las estaciones.

Cl—Club, Clube.

Country—País. Las designaciones, en el caso de las naciones oficialmente reconocidas, son las de la Unión Internacional de Telecomunicaciones. Emisoras y entidades geográficas no oficiales se incluyen para los fines de referencia y no presupone ningún apoyo o reconocimiento por parte de la IBS o UIT.

Cu, Cult—Cultura, Cultural, Culture.

(D)—Indica que los detalles refieren solamente al período "D" que corresponde al invierno en el hemisferio del norte y al verano en los paises del sur.

DS—Domestic Service (Servicio Doméstico).

Ed, Educ—Educação, Educadora.

Em—Emissora, Emisora, Emissor, Emetteur.

EP—Emissor Provincial.

ER—Emissor Regional.

ES—External Service (Servicio al Exterior).

F—Friday (Viernes)

Fade-in, Fade-out—Si el equipo de monitores del RDI no puede establecer definitivamente el comienzo (o fin) de una transmisión, se entra en cambio la hora más temprana (o tarde) en que pudo rastrearse la estación, eso es, la hora del 'fade-in' (o 'fade-out').

Feeder, shortwave—Una transmision de servicio fijo (punto a punto) usualmente en modo de banda lateral única o independiente, dirigida a la estación de redifusión desde el país de origen de la transmisión. Aunque no destinadas para la recepcion general, las transmisiones de eslabón de onda corta, que pueden ser recibidas por los mejores receptores de comunicaciones, a veces proporcionan la mejor o única oportunidad para la recepción de una emisora determinada a una hora dada. Por esta razón se incluyen en el RDI datos sobre esta tipo de transmisión, aunque el uso actual no sea regular. Los modos de transmisión para los eslabones de onda corta son:

LSB—Banda lateral inferior (señal banda lateral única)

ISL—Banda lateral inferior (de una señal banda lateral independiente)

USB—Banda lateral superior (señal banda lateral única)

ISU—Banda lateral superior (de una señal banda lateral independiente)

RAM—Banda lateral doble, con la portadora reducida.

FR—Federal Republic (República Federal)

Frequency—Frecuencia. La medida más ampliamente aceptada para indicar la ubicación de una estación dentro de la gama radial. La frecuencia se expresa más a menudo en kilohertz (kHz) o Megahertz (MHz), aunque la longitud de onda se utiliza todavía en Europa oriental y algunas otras partes del mundo. La frecuencia de una estación puede determinarse de la siguiente fórmula:

Frecuencia (kHz) = 299,792 ÷ Longitud de onda (metros).

Vease también 'Wavelength' y 'Channel'.

Irr—Operación irregular; horas de operación irregulares.

Is—Isla(s).

(J)—Indica que los detalles refieren solamente al período "J" que corresponde al verano en el hemisferio del norte y al invierno en los pais del sur.

Jamming—Interferencia intencional a una transmisión con el propósito de hacer imposible la recepción de la misma. La gran mayoría del jamming proviene de la Unión Soviética y sus aliados de Europa oriental, y es dirigida contra emisiones en armenio, azerbaijano, beloruso, búlgaro, checo, estonio, georgiano, hebreo, letón, lituano, polaco, ruso, slovaco, tatar-bashkir, turquestano, ucraniano e yiddish. El jamming proveniente de la URSS y Europa oriental consiste mayormente de un ruido no muy diferente de lo de un depósito lleno de camiones los cuales tienen sus motores en plena marcha. De vez en cuando se agrega a este ruido algunos mensajes en clave o programación distorsionada del servicio doméstico soviético, Mayak (DS-2). Una forma de contender con la interferencia jamming es determinar cuales de las bandas podrían ser las más apropiadas para proporcionar buena recepción de la parte del mundo que se quiere escuchar, mientras que al mismo tiempo no darían buena recepción de la Unión Soviética y Europa oriental. Antenas direccionales también pueden mejorar la razón de señal a jamming, bajo ciertas circunstancias.

kHz—Kilohertz (vease 'Frequency').

kW—Kilovatio(s) (vease 'Power').

Loc—Local.

Location—La ubicación física del complejo transmisor/antena. Esta ubicación pudiera no corresponder a la de los estudios donde se preparan los programas. Los datos sobre los nombres geográficos se completan en su mayoría de la Edición Comprensiva (1983) del *Times Atlas of the World*. Como sucede a veces que los complejos de transmisores de las emisoras internacionales

más grandes se encuentran en áreas de escasa población, el sitio exacto del transmisor podría estar a varios kilometros de la localidad indicada. Esas personas que necesitan coordinados geográficos precisos deben ponerse en contacto con el Departamento de Publicaciones de la UIT.

LV—La Voix, La Voz.

M—Monday (Lunes)

MHz—Megahertz (vease 'Frequency').

Multilingual—Una combinación de cualquier idioma representado por símbolo gráfico (alemán, árabe, chino, español, francés, inglés, japonés, portugués, o ruso) con otro idioma. Asi una transmisión en español y quechua sería designada como 'Multilingual', mientras que una emisión en quechua y aymara sería designada como 'Other' (= Otro).

N—New, Nueva, Nuevo, Nouvelle, Novo, Nova, Nacional, National, Nationale.

Nac—Nacional.

Nat—National, Nationale.

Network—La red o el servicio de una emisión. Transmisiones de servicios domésticos son indicadas por "DS".

Non-AM Mode—Transmisión en otro modo que el convencional 'AM' (banda lateral doble con portadora). (Vease 'Feeder, shortwave' para una lista de modos no AM.)

PBS—People's Broadcasting Station (Estación de Radiodifusión del Pueblo)

Power—La potencia de salida de RF (radio-frecuencia), eso es, antes de la amplificación por la antena, en kilovatios (kW). La gama actual de potencias en uso para la radiodifusión de onda corta es 0.04-600 kW.

PR—People's Republic (República Popular)

PS—Provincial Station (Estación Provincial), Pangsong.

Pto—Puerto, Pôrto.

R—Radio, Radiodiffusion, Radiodifusora, Radiodifusión, Radiodifusão, Radioemisora, Radiofonikos, Radiostantsiya, Radyo, Radyosu, etc.

Reg—Regional.

Relay—Instalaciones transmisoras extraterritoriales que retransmiten programas recibidos por satélite, eslabón de onda corta, o en forma de grabación.

Rep—Republic, República, République.

RT, RTV—Radiodiffusion Télévision, Radio Television, etc.

RN—Vease R y N.

S—San, Santa, Santo, São, Saint.

Sa—Saturday (Sábado).

Shortwave Spectrum—La gama de onda corta, o alta frecuencia, es esa porción de la gama radial que se encuentra entre 3 y 30 MHz (3,000-30,000 kHz); sin embargo, de ordinario se ubica la gama de onda corta entre 2 y 30 MHz aproximadamente. Aunque la radiodifusión tiene lugar en toda la gama de onda corta, los recién adoptados—pero no aun plenamente implementados—parametros nominales de la UIT para la radiodifusión de onda corta son (mundialmente, salvo ser indicado de otra manera):

Banda de 120 metros:
2300-2498 kHz (Zonas tropicales solamente)
Banda de 90 metros:
3200-3400 kHz (Zonas tropicales solamente)
Banda de 75 metros:
3900-3950 kHz (Asia & Pacífico solamente)
3950-4000 kHz (excepto las Américas)
Banda de 60 metros:
4750-4995 kHz (Zonas tropicales solamente)
5005-5060 kHz (Zonas tropicales solamente)
Banda de 49 metros:
5950-6200 kHz
Banda de 41 metros:
7100-7300 kHz (excepto las Américas)
Banda de 31 metros:
9500-9900 kHz
Banda de 25 metros:
11650-12050 kHz
Banda de 21 metros:
13600-13800 kHz
Banda de 19 metros:
15100-15600 kHz
Banda de 16 metros:
17550-17900 kHz
Banda de 13 metros:
21450-21850 kHz
Banda de 11 metros:
25600-26100 kHz (25670-26100 kHz desde Julio de 1989)

St—Saint.

Sta—Santa.

Sto—Santo.

Su—Sunday (Domingo)

Target—Las entidades geográficas internacionales a las cuales se dirige una transmisión, con tal que está destinada fuera del país de origen. Las zonas de recepcion son las siguientes:

AF—África
AM—Américas
ANZ—Australia & Nueva Zelandia
AS—Asia
ATL—Atlántico
CA—América Central, Caribe & México
CAF—África Central
EAF—África Oriental
EAS—Asia Oriental
EEU—Europa Oriental
ENA—América del Norte (Este)
EU—Europa
EUSSR—URSS Oriental
ME—Oriente Medio
NA—América del Norte
NAF—África del Norte
PAC—Pacífico
SA—América del Sur
SAF—África Meridional
SAS—Sud Asia
SEA—Asia (Sudeste)
USSR—URSS
WAF—África Occidental
WEU—Europa Occidental
WNA—America del Norte (Oeste)
WUSSR—URSS Occidental

Th—Thursday (Jueves).
Tu—Tuesday (Martes).
UTC—Hora Universal Coordinada, también conocida como Hora Meridiano de Greenwich (GMT) o Zulu (Z): la referencia internacional de 24 horas para la radiodifusión, basada en el marco de tiempo del Observatorio de Greenwich en el Reino Unido. La diferencia entre UTC y la horo local puede determinarse escuchando los avisos rutinarios de la hora UTC transmitidos por emisoras internacionales.
v—Frecuencia variable, eso es, una que es inestable.
Vo—Voice of (Voz de).
W—Wednesday (Miércoles).
Wavelength—Longitud de onda. Una alternativa antigua a 'Frecuencia' (vease) para precisar la ubicación de la estación dentro de la gama radial. La longitud de onda de una estación puede determinarse através de la siguiente fórmula: Longitud de onda (metros) = 299,792 ÷ Frecuencia (kHz). Esta fórmula puede utilizarse también para precisar la banda (en metros) de una estación determinada (vease 'Shortwave Spectrum').
WS—World Service (Servicio Mundial).
(+) Tent—Tentativo (-a); eso es, la exactitud de algunos detalles (p.ej. el nombre exacto de la estación) está incierta.

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done a particularly good job in improving the audio quality of fringe signals. However, a special mediumwave version (not tested) can be obtained specifically for coverage of the radio spectrum's nether regions.

The front panel controls are few: a channel selector, marked 1 through 9; an upper, lower or double sideband selector switch; a fine tuning "clarifer"; a volume control; a small on/off switch; and a minijack for headphones. The soft rubber-covered knobs are a pleasure to use.

The rear panel has an AC mains adaptor/charger and DIN audio output sockets; a pair of antenna inputs; a ground connector; and three tiny and inconvenient switches for high or low antenna impedance, tracking, and fast or "normal" automatic gain control (AGC) decay.

Surprisingly for a set designed for improved audio, the built-in speaker is tinny sounding. To appreciate the sound quality, you should use the audio output to feed signals through a decent audio amplifier and speaker system.

Overall, the F1 does a better job with ECSS-s reception than does any other receiver tested to date. Although its lack of tuning facilities makes it inappropriate for most applications, its innovative ECSS-s circuitry assures that it will be a prime candidate for selected specialized applications.

LINIPLEX F1-2 RACK-MOUNTED CONFIGURATION FOR DUAL 9-CHANNEL F1 RECEIVERS

Phase Track Ltd. (132 Queens Road, Reading, Berkshire RG1 4DG, United Kingdom) has posted a suggested retail price of 525 pounds sterling for the standard Linaplex F1 in the United Kingdom. Additionally, a rack-mounted dual-receiver version — the 18-channel F1-2 — sells for 1,222 pounds. Prices elsewhere vary according to current foreign currency exchange rates. In the US the F1 is distributed by Gilfer Shortwave (Box 239, Park Ridge NJ 07656) and Radio West (3417 Purer Road, Escondido CA 92025).

THE BOTTOM LINE

Receiver manufacturers are working to make shortwave listening more pleasant to the ear. However, the only receiver in this year's tests which embodies the full potential of advanced-fidelity detection of AM-mode signals is Phase Track's Liniplex F1. Unfortunately, its tuning limitation makes it an unlikely choice for most shortwave listeners.

Still, Phase Track's success with ECSS-s detection does establish conclusively that ECSS-s is both feasible and worthwhile. Similarly, Sony's creativity in resolving the tuning difficulties formerly associated with advanced AM detection has effectively eliminated the "voodoo" previously associated with manually tuned ECSS.

With the first enhanced-fidelity shortwave receivers now out of the lab and on the market, listeners can look forward to the introduction of even more effective models to tame the aural gremlins of shortwave. But, for starters, the Sony ICF-2010/ICF-2001D already provides commendable first-generation performance at a price within the reach of many shortwave listeners.

GLOSSAR

Channel; Kanal—Die Norm für den Abstand verschiedener Sendungen im Kurzwellenspektrum ist 5.0 kHz. Da aber ein kleiner Teil der Stationen nicht gemäss dieser Norm funktioniert, bietet **Database** Frequenzgenauigkeit von besser als einem kHz für die Lage und Identifizierung von Stationen.

Country; Land—Die Namen für die verschiedenen Länder sind diejenigen der ITU. Inoffizielle Sender und geographische Einheiten werden nur zur Bequemlichkeit erwähnt und bedeuten nicht formale Anerkennung oder Endorsement von IBS oder ITU.

Fade-in, Fade-out; Hineinschwinden, Herausschwinden—Falls die Moniteure der Databasis nicht den Anfang oder das Ende einer Sendung genau bestimmen können, dann wird die früheste oder späteste Zeit angegeben, wann die Station gehört werden kann. Dies wird als "fade-in" oder "fade-out" Zeit charakterisiert.

Feeder, shortwave; Kurzwellenspeisesender oder Versorger—Eine Punkt-zu-Punkt bestimmte Sendung zu einer Relaisstation, gewöhnlich durch einzelnes oder unabhängiges Seitenband. Manchmal kommt es vor, dass gewisse Rundfunkprogramme am besten oder nur durch "feeder" gehört werden können, obgleich sie eigentlich nicht für die Oeffentlichkeit beabsicht sind und auch bessere Empfänger benötigen. Aus diesem Grunde enthält RDI Information über Kurzwellen "feeder", obwohl es möglich ist, dass tatsächlicher Gebrauch nicht immer regelmässig ist.

Sendearten für Kurzwellen "feeder" sind wie folgt:

LSB—Lower Sideband (single-sideband signal); Unteres Seitenband

USB—Upper Sideband (single-sideband signal); Oberes Seitenband

ISL—Lower Sideband (of independent-sideband signal); Unteres Seitenband (von einem unabhängigen Seitenband Signal)

ISU—Upper Sideband (of independent sideband signal); Oberes Seitenband (von einem unabhängigen Seitenband Signal)

RAM—Double Sideband, reduced carrier signal; Doppeltes Seitenband, reduziertes Träger Signal

Anmerkung: Mittelwellen Sendungen, die hauptsächlich dem Inlandsdienst dienen, bestehen aus einem Träger (carrier) und zwei Seitenbändern, die beide dieselbe Information als Spiegelbilder enthalten. Diese Sendeart wird AM genannt und wird auch auf Kurzwelle gebraucht. Indem ein Rundfunksender nur ein Seitenband oder sogar auch keinen Träger gebraucht, spart er Energie, oder falls er doch noch mehr kW gebraucht, dann reicht die Sendung weiter stärker und klarer.

Frequency; Frequenz—Das weitverbreitetste Mass, um die Lage einer Sendung innerhalb des Radiospektrums anzugeben. In Osteuropa und einigen anderen Teilen der Welt wird jedoch noch Wellenlänge gebraucht. Frequenz wird hauptsächlich in Kilohertz (kHz) oder Megahertz (MHz) ausgedrückt. Die Frequenz einer Sendung kann durch die folgende Formel von der Wellenlänge errechnet werden: Frequenz (kHz) = 299,792/ Wellenlänge (Meter). Vgl. "Wavelength" (Wellenlänge) und "Channel" (Kanal).

Jamming; Mischmaschen—Die Störung einer Sendung mit der Absicht ihren Empfang unmöglich zu machen. In der Hauptsache kommt "Jamming" heutzutage von der Sowjetunion und ihren osteuropäischen Verbündeten. Es ist gegen Sendungen in den folgenden Sprachen dirigiert: Armenisch, Aserbeidschanisch, Belorussisch, Bulgarisch, Tschechisch, Estonisch, Georgisch, Hebräisch, Lettisch, Litauisch, Polnisch, Russisch, Slowakisch, Tatarisch-Baschkirisch, Turkestanisch, Ukrainisch und Jiddisch. Sowjetisch-osteuropäisches Mischmaschen bestetht hauptsächlich aus einem Geräusch wie von vielen, lauten Maschinen. Manchmal kann man Identifikationen in dem Morsealphabet hören oder seltener auch verzerrte Programme des Sowjetischen "Mayak" (DS-2) Inlandsdienstes. Ein Mittel zur Minimierung oder zum Abschwächen des Mischmaschens besteht in der Benutzung des Kurtzwelleverbreitung. Man tut dies, indem man herausfindet, welche Bände wahrscheinlich guten Empfang für den Teil der Welt geben, den man hören will; aber zur selben Zeit wahrscheinlich nicht guten Empfang von der Sowjetunion oder Osteuropa. Durch Antennen, die auf verschiedene Richtungen eingestellt werden können, kann man zuweilen auch die Beziehung zwischen Signal und "Jamming" unter gewissen Umständen verbessern.

Location; Standort—Der Platz, wo sich die Sendeanlagen, einschliesslich des Senders und der Antennen, befinden. Dieser mag nicht derselbe sein wie derjenige der Studios, wo die Rundfunkprogramme hergestellt werden. Data für die Namen von Standorten wurden in der Hauptsache mit Hilfe der Karten in *The Times Atlas of the World,* 1983 Comprehensive Edition, vorbereitet.

Network; Rundfunknetz—Der Dienst oder Service einer Rundfunkorganisation. Ausser solchen offensichtlichen Anwendungen wie 'Weltdienst' kann dieser Ausdruck sich auf Sprachen beziehen, wenn dies nicht durch die graphischen Symbole für Arabisch, Chinesisch, Englisch, Französisch, Deutsch, Japanisch, Portugiesisch, Russisch, und Spanisch angegeben ist. Inlandsdienste sind durch 'DS' (Domestic Service) bezeichnet.

Non-AM Mode—Siehe Feeder.

Power; Kraft—Senderleistung in Kilowatt (kW) vor der Amplifikation durch die Antenne. Zur Zeit gebrauchen Kurzwellensender von 0,04 bis 600 kW,

aber manchmal werden zwei Sender mit nur kleinen Unterschieden in der Richtung gebraucht.

Relay; Relais—Ausserterritoriale Sendestation, gewöhnlich durch Tonbänder, Satelliten oder Kurzwellendienst versorgt (vgl. 'Feeder').

Shortwave Spectrum; Kurzwellenspektrum—Gemäss der wissenschaftlichen Definition liegt das Kurzwellen—oder Hochfrequenzspektrum zwischen 3 und 30 MHz oder 3,000 und 30,000 kHz. Gewöhnlicher Gebrauch diktiert jedoch, dass es ungefähr zwischen 2 und 30 MHz liegt. In der Praxis kann man Rundfunksendungen fast überall im Kurzwellenspektrum finden. Aber gemäss vor kurzem angenommenen Prinzipien der ITU sind, mit gewissen Begrenzungen, die in den Klammern angegeben sind, die folgenden die nominalen Parameter für Kurzwellen Rundfunkbände. Es ist jedoch auch in Betracht zu ziehen, dass diese noch nicht ganz offiziell genehmigt sind, wenngleich *de facto* verschiedene Rundfunksender sie schon z.Z. gebrauchen.

120 Meterband:
2300-2498 kHz (nur tropische Zone)
90 Meterband:
3200-3400 kHz (nur tropische Zone)
75 Meterband:
3900-3950 kHz (nur Asien und Pazifik)
3950-4000 kHz (mit Ausnahme Amerikas)
60 Meterband:
4750-4995 kHz (nur tropische Zone)
5000-5060 kHz (nur tropische Zone)
49 Meterband:
5950-6200 kHz
41 Meterband:
7100-7300 kHz (mit Ausnahme Amerikas)
31 Meterband:
9500-9900 kHz
25 Meterband:
11650-12050 kHz
21 Meterband:
13600-13800 kHz
19 Meterband:
15100-15600 kHz
16 Meterband:
17550-17900 kHz
13 Meterband:
21450-21850 kHz
11 Meterband:
25600-26100 kHz
25670-26100 kHz (Anfangend Juli, 1989)

UTC—Coordinated Universal Time; Koordinierte Universalzeit; auch Greenwich Mean Time (GMT) oder Zulu (Z) genannt; die 24-stündige internationale Rundfunkreferenz, die sich auf das Observatorium von Greenwich in Grossbritannien basiert. Man kann den Unterschied zw. UTC und örtlicher Zeit bestimmen, indem man internationalen Rundfunksendungen zuhört. Einige Kurzwellenempfänger und Digitaluhren können auf das vierundzwanzigstündige Format gesetzt werden, sodass man nicht umrechnen braucht.

Wavelength; Wellenlänge—Ein veraltender Ausdruck anstatt Frequenz (vgl. 'Frequency'), um die Lage einer Sendung im Radiospektrum anzugeben. Die Wellenlänge einer Sendung kann durch die folgende Formel errechnet werden: Wellenlänge (Meter) = 299,792/Frequenz (kHz). Diese Formel kann auch gebraucht werden, um das Meterband einer Sendung zu bestimmen (vgl. 'Shortwave Spectrum').

ABKUERZUNGEN

Alt—Alternate; abwechselnd, alternativ
AV—A Voz
BC—Broadcasting; Rundfunksendung-sender, oder gesellschaft
BCS, BS—Broadcasting Service; Rundfunkdienst
Cd—Ciudad; City; Stadt
Cl—Club; Clube; Klub
Cu—Cult-Culture; Cultura; Kultur
(D)—Winter
DS—Domestic Service; Inlandsdienst
Ed—Educacão, Educadora.
Em—Emissora, Emisora; Emetteur Strahlung
ES—External Service, Auslandsdienst
FR—Federal Republic; Bundesrepublik
F—Friday; Freitag
Hz—hertz—A unit of frequency equal to one cycle per second; Eine Frequenzeinheit, die eine Schwingung pro Sekunde bezeichnet
Irr—Irregular operation or hours of operation; unregelmässige Sendung
Is—Island(s); Insel(n)
(J)—Sommer
kHz—Kilohertz 1,000 Hertz (cf. Frequency); vgl. Frequenz
kW—Kilowatt(s) (cf. Power); Stärke, Senderleistung (vgl. "Power")
LV—La Voix, La Voz; die Stimme
M—Monday; Montag
MHz—Megahertz 1,000 kHz (cf. Frequency); vgl. Frequenz
N—New; Nueva; Nuevo; Nouvelle; Novo, Nova, Nacional, Nationale; Neu
Nac—Nacional; National
Nat—National, Nationale
PBS—People's Broadcasting Station Volksrundfunkstation
PR—People's Republic; Volksrepublik
Pto—Puerto Pôrto; Hafen
R—Radio, Radiodiffusion, Radiodifusora, Radiodifusíon, Radiodifusão, Radioemisora, Radiofonikos, Radiostantsiya, Radyo, Radyosu, etc.
Rep—Republic; República; République; Republik
RT, RTV—Radiodiffusion Télévision, Radio Television, etc.
S—San, Santa, Santo, São, Saint; in Heiligennamen verschiedener Sprachen und auf solche zurückgehenden Ortsnamen
Sa—Saturday; Sonnabend, Samstag
St—Saint; vgl. S
Sta—Santa, vgl. S
Sto—Santo, vgl. S
Su—Sunday; Sonntag
Target—Zielgebiet, spez. die internationalen geographischen Gebiete für die eine Sendung beabsichtigt ist, falls sie ausserhalb des Landes gehört werden soll:
AF—Africa; Afrika
AM—Americas; die amerikanischen Kontinente
ANZ—Australia & New Zealand; Australien u. Neuseeland
AS—Asia; Asien
ATL—Atlantic; Atlantik
CA—Central America, Carribean & Mexico; Mittelamerika, Karibik u. Mexiko
CAF—Central Africa; Zentralafrika
EAF—Eastern Africa; Ostafrika
EAS—Eastern Asia; Ostasien
EEU—Eastern Europe; Osteuropa
ENA—Eastern North America; Ostnordamerika
EU—Europe; Europa
EUSSR—Eastern USSR; UdSSR (Ost)
ME—Middle East; Nahost
NA—North America; Nordamerika
NAF—Northern Africa; Nordafrika
PAC—Pacific; Pazifik
SA—South America; Südamerika
SAF—Southern Africa; Südliches Afrika
SAS—Southern Asia; Sadasien
SEA—South East Asia; Sudostasien
USSR—USSR; UdSSR
WAF—Western Africa; Westafrika
WEU—Western Europe; Westeuropa
WNA—Western North America; Westnordamerika
WUSSR—Western USSR; UdSSR (West)
Th—Thursday; Donnerstag.
Tu—Tuesday; Dienstag.
v—Variable frequency; variierende Frequenz, d.h. eine, die nicht stabil ist oder sich verändert.
Vo—Voice of . . . Die Stimme von . . .
WS—World Service; Weltdienst

用　語　・　略　語　表

Alt - Alternate. 代替の（周波数など）。
定期放送の周波数の代りに突然，又は不定期に使われる周波数。

AV - A Voz. ……の声。（ブラジルあるいはポルトガル語系の放送局名に使われる）

BC - Broadcasting, Broadcasting Company, Broadcasting Corporation
放送又は放送会社。

BCS, BS - Broadcasting Service. 放送サービス。

Cd - Ciudad. 市，あるいは町。

Channel - 短波放送バンド内のチャンネル間隔の標準は5kHzです。幾つかの局がこの標準によらずに運用しているので，本データベースでは，1kHz かそれ以上良好な読み取り精度で周波数を確認し，放送局名あるいは局所在地の確認を容易にしています。

Cl - Club, Clube. クラブ。（放送局名にも使われている）

Country - 国名の呼び方はＩＴＵ方式に従っています。非公式な放送局（地下局など）や地名も参考情報として含めてありますが，これはＩＢＳやＩＴＵがこれらの局や地名を認知したことを意味するものではありません。

Cu, Cult - Cultura, Culture. 文化。（教育局などの放送局名に使われる）

DS - Domestic Service. 国内サービス，国内向け放送。

Ed, Educ - Educational, Educação, Educadora. 教育（局）

Em - Emissora, Emisora, Emissor. 放送（局）

EP - Emissor Provincial 州向け放送。

ER - Emissor Regional. 地域放送。

ES - External Service. 外国向け放送。

F - Friday. 金曜日。

Fade-in, Fade-out - データベース・モニタ・チームが，局の開始（又は終了）時間を確認できない場合，確認できる最も早い（又は遅い）時間を「フェード・イン」（又は「フェード・アウト」）時間として用いています。

Feeder, shortwave - 番組作成国から中継局向けに通常は単一側波帯又は独立側波帯で，固定局送信による番組中継が行われており，これをフィーダと呼んでいます。これは一般聴取者向けではありませんが，通信形受信機を用いて良好に受信できることが多く，ある局を受信しようとした場合，時間によってはフィーダの方が良く聞こえたり，フィーダのみしか聞こえないということさえあります。このため，本データベースでは，定期放送より送信時間は少いにしても，その有効性を考慮してフィーダの情報も含めてあります。
短波フィーダの送信モードは次の５つに分かれています。

LSB - 下側単一側波帯信号
ISL - 下側独立側波帯信号
USB - 上側単一側波帯信号
ISU - 上側独立側波帯信号
RAM - 両側独立搬送波信号

FR - Federal Republic. 連邦共和国

Frequency - 無線スペクトラムの中の局の位置を測定するため最も広く使われている単位です。日本語では「周波数」。周波数は一般にはキロヘルツ（kHz），又はメガヘルツ（MHz）で表わされます。東欧諸国等では未だ「波長」で局の存在を示すところがあります。周波数と波長の換算は，
周波数（kHz）＝299，792／波長（メータ）で計算できます。
Wave Length と Channel の項も参照。

Irr - Irregular operation or hours of operation. 不定期放送。

Is - Island(s). 島。

Jamming - ジャミングとは，放送を受信できないように送信される妨害信号のことです。現在行なわれているジャミングの大多数は，ソ連および東欧諸国から発せられており，妨害されている言語は，アルメニア語，アゼルバイジャン語，バイエロシア語，ブルガリア語，チェコ語，エストニア語，ギオルジニア語，ヘブライ語，ラトビア語，リトアニア語，ポーランド語，ロシア語，スロバク語，タタール・バシキール語，トルキスタン語，ウクライナ語，そしてイディッシュ語です。ソ連／東欧諸国のジャミングは，大形トラックがエンジンをウーウー言わせて走り去っていくような音を発しており，軽り音の中にコード符号が時々入ることがあり，又，ソ連の国内向け放送「MAYAK」のプログラムが極端に歪んだ音で混入される場合もあります。

ジャミングの影響を最も少く受信するためには，電波伝ぱん予報などのデータを用い，聞こうとしている局に最適の周波数帯でかつソ連／東欧方向から伝ぱんしにくい周波数を選ぶことです。場合によっては，指向性アンテナで信号・ジャミング比を向上することが出来ます。

kHz - Kilohertz (cf. Frequency). キロヘルツ（Frequencyの参照）

kW - Kilowatt(s) (cf. Power). キロワット（Power の項参照）

Loc - Local. 地方向け。

Location - 送信所の地図上の場所を指しています。この場所は，番組の制作されるスタジオとは必ずしも一致していません。地名については，The Times Atlas of the World の１９８３年Comprehensive Edition 地図編からとっています。主要国際放送局の送信所は，特に人家の無いような場所に設置されていますので，実際の送信施設の場所は，地名で表示された所から場所により数kmも離れているかも知れません。送信所の正確な座標位置（緯度，経度）をお知りになりたい方はＩＴＵの出版部（Publication／Department）にお問い合せ下さい。

LV - La Voix, La Voz. ……の声。（中南米の放送局名に使われる。）

M - Monday. 月曜日。

MHz - Megahertz (cf. Frequency). メガヘルツ。（Frequencyの項参照）

Multilingual - グラフィック表示の言語（アラビア語，英，仏，独，日，露，ポルトガル，スペインの各言語）と他の言語の組み合せ。例えば英語とウルド語の送信では，英語でなく「Multilingual」と表示しています。尚，グラフィック表示でないタミル語とウルド語の送信では「Other」で表示しています。

N - New, Nueva, Nuevo, Nouvelle, Nacional, National
（新）。　（国有，国立）

Nac - Nacional. 国有，国立。

Nat, Natl - National. 国有，国立。

Network - ネットワークは放送網，或いは放送サービスを意味しています。尚，国内向け放送は「ＤＳ」で表示されています。

Non-AM Mode - 従来の両側波帯方式（AM）以外の送信を指しています。
（Feeder, shortwave の項参照）

PBS - People's Broadcasting Service. 人民放送サービス。

Power - 高周波出力，即ちアンテナ入力部の電力のことでキロワット（kW）で表示されます。現在，短波放送で使われている電力は，0.04－500kWの範囲です。

PR - People's Republic. 人民共和国。

PS - Provincial Station, Pangsong. 地方局。

Pto - Puerto.（ポート）港の意。地名に多い。例Puerto Rico。

R - Radio, Radiodiffusion, Radiodiffusora, Radiodifusao, Radiostantsiya, Radyo, Radyosu, etc. ラジオ，放送（局）。

Reg. - Regional. 地域向け。

Relay - 中継所。自国外の送信設備を指すことが多く，録音番組，衛星中継又は短波フィーダによる番組を送出しています。

Rep - Republic, République, Republica. 共和国。

RT, RTV - Radiodiffusion Télévision, Radio Télévision,etc. ラジオ，テレビ放送（局）

RN - Cf. R and N. RとNの項参照。Radio Nacional（国営放送局）などと使います。

RS - Radio Station, Radiostantsiya, Radiofonikos Stathmos. ラジオ放送局

S - San, Santa, Santo, Sao, Saint, 聖……と使う。地名ではそのまま

Sa - Saturday. 土曜日。

Shortwave Spectrum － 日本語でいう短波は，英語でShortwave あるいは High－Frequency と表現され，その無線スペクトルは，３－30MHz（3,000－33,000kHz）と規定されています。しかし一般には2－30MHz の波を短波と通称することが多いようです。短波スペクトラムのいろいろな部分で短波放送は行われていますが，最近採用された（未だ完全実施には至っていないが）ＩＴＵ短波放送帯の標準は，次の通りです。

１２０Ｍバンド 2300－2498 kHz（トロピカル・ゾーンのみ）
９０Ｍバンド 3200－3400kHz（トロピカル・ゾーンのみ）
７５Ｍバンド 3900－3950kHz（アジア太平洋地域のみ）
3950－4000kHz（アメリカ大陸を除く）

60Mバンド 4750−4995kHz（トロピカル・ゾーンのみ）
5005−5060kHz（トロピカル・ゾーンのみ）
49Mバンド 5950−6200kHz
41Mバンド 7100−7300kHz（アメリカ大陸を除く）
31Mバンド 9500−9900kHz
25Mバンド 11650−12050kHz
21Mバンド 13600−13800kHz
19Mバンド 15100−15600kHz
16Mバンド 17550−17900kHz
13Mバンド 21450−21850kHz
11Mバンド 25600−26100kHz
25670−26100kHz（89年7月から）

St - Saint. セイント。聖……の意。Sの項参照。

Sta - Santa. サンタ。聖……の意。Sの項参照。

Sto - Santo サント。聖……の意。Sの項参照。

Su - Sunday 日曜日。

Target - 放送が外国で聞かれることを意図している場合の放送対象地域／対象国のことをターゲットと言います。ターゲットは下記の略称で表わされています。

AF - Africa アフリカ向け。
AM - Americas アメリカ大陸向け。
ANZ - Australia & New Zealand オーストラリア，ニュージーランド向け。
AS - Asia アジア向け。
ATL - Atlantic 大西洋地域向け。
CA - Central America, Carribean & Mexico 中央アメリカ，カリブ，メキシコ向け。
CAF - Central Africa 中央アフリカ向け。
EAF - Eastern Africa 東アフリカ向け。
EAS - Eastern Asia 東アジア向け。
EEU - Eastern Europe 東ヨーロッパ向け。
ENA - Eastern North America 北米東部向け。
EU - Europe ヨーロッパ向け。
EUSSR - Eastern USSR ソ連東部向け。
ME - Middle East 中東向け。
NA - North America 北米向け。
NAF - Northern Africa 北アフリカ向け。
PAC - Pacific 太平洋地域向け。
SA - South America 南米向け。
SAF - Southern Africa 南アフリカ向け。
SAS - Southern Asia 南アジア。
SEA - South-East Asia 東南アジア向け。
USSR - USSR ソ連向け。
WAF - Western Africa 西アフリカ向け。
WEU - Western Europe 西ヨーロッパ向け。
WNA - Western North America 北米西部向け。
WUSSR - Western USSR ソ連西部向け。

(+)Tent - Tentative. 暫定。記載されている内容の一部，例えば正式局名などが不確かなもの。

Th - Thursday. 木曜日。

Tu - Tuesday. 火曜日。

UTC - 協定世界時と訳されており，グリニッジ標準時（ＧＭＴ）やズル時（Ｚ）と同意語です。英国のグリニッジ天文台の時間標準をもとにした２４時間方式の時間表示です。ＵＴＣと自分の地方標準時の差は，国際放送局が定期的にアナウンスするＵＴＣ時間を聞くことにより計算できます。最近の短波受信機の中には，２４時間のＵＴＣを表示するものも出て来ています。

V - Variable frequency. 即ち不安定な漂同する周波数です。

Vo - Voice of. ……の声。（放送局名に使われる。）

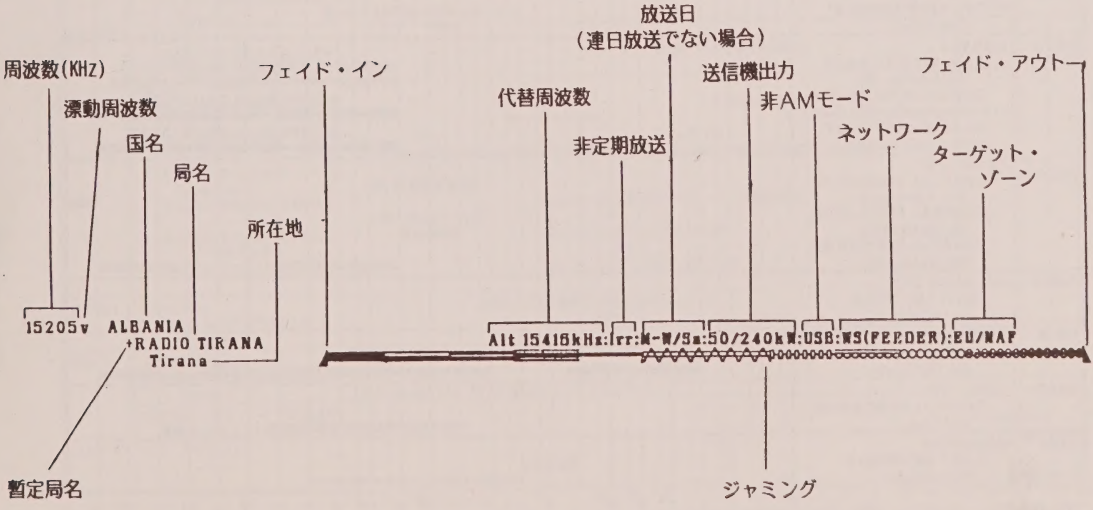
W - Wednesday. 水曜日。

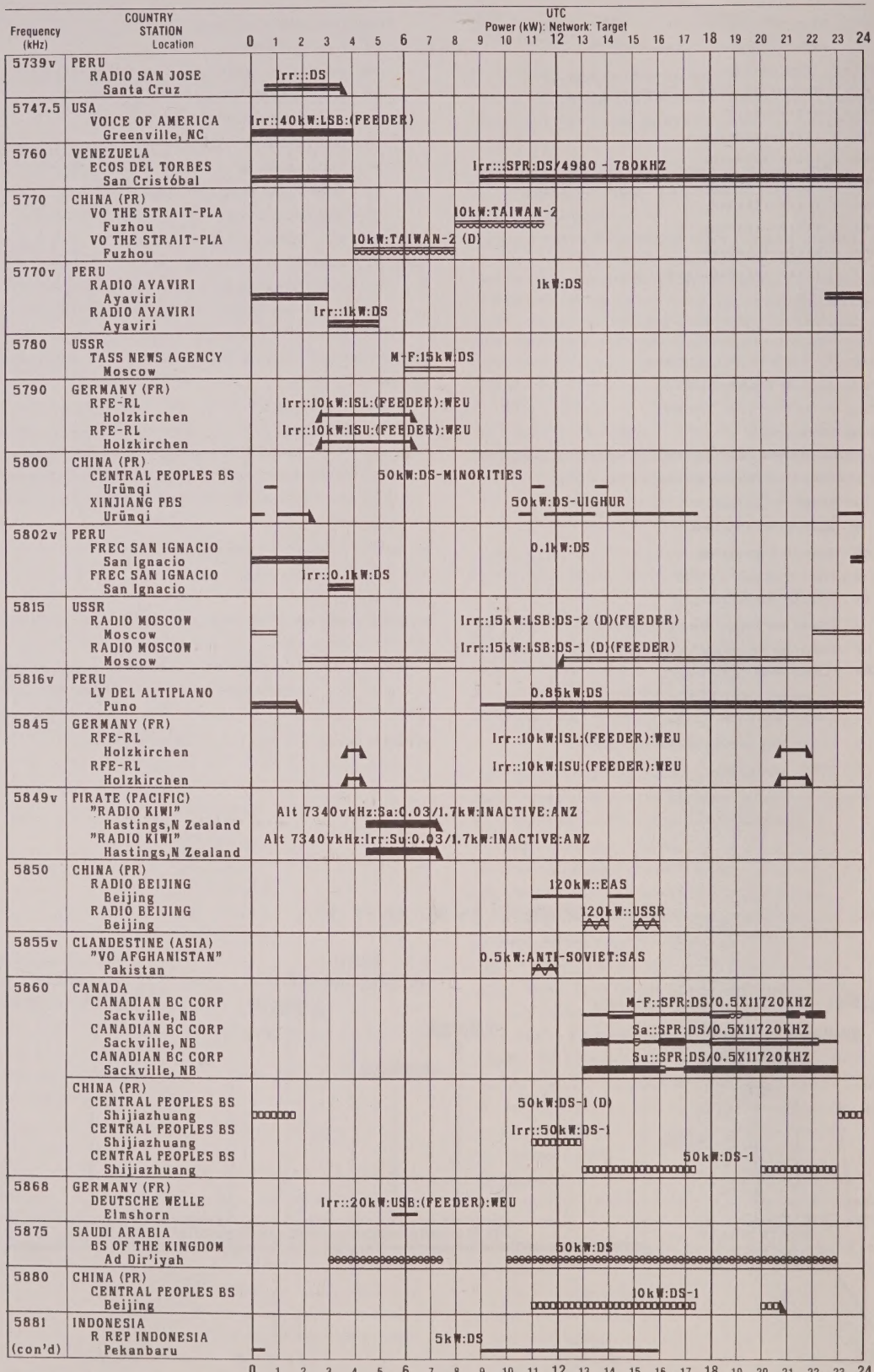
Wavelength - 波長。無線スペクトラムの中の局の位置を測定するための，旧式な単位，表現方法です。放送局の波長は

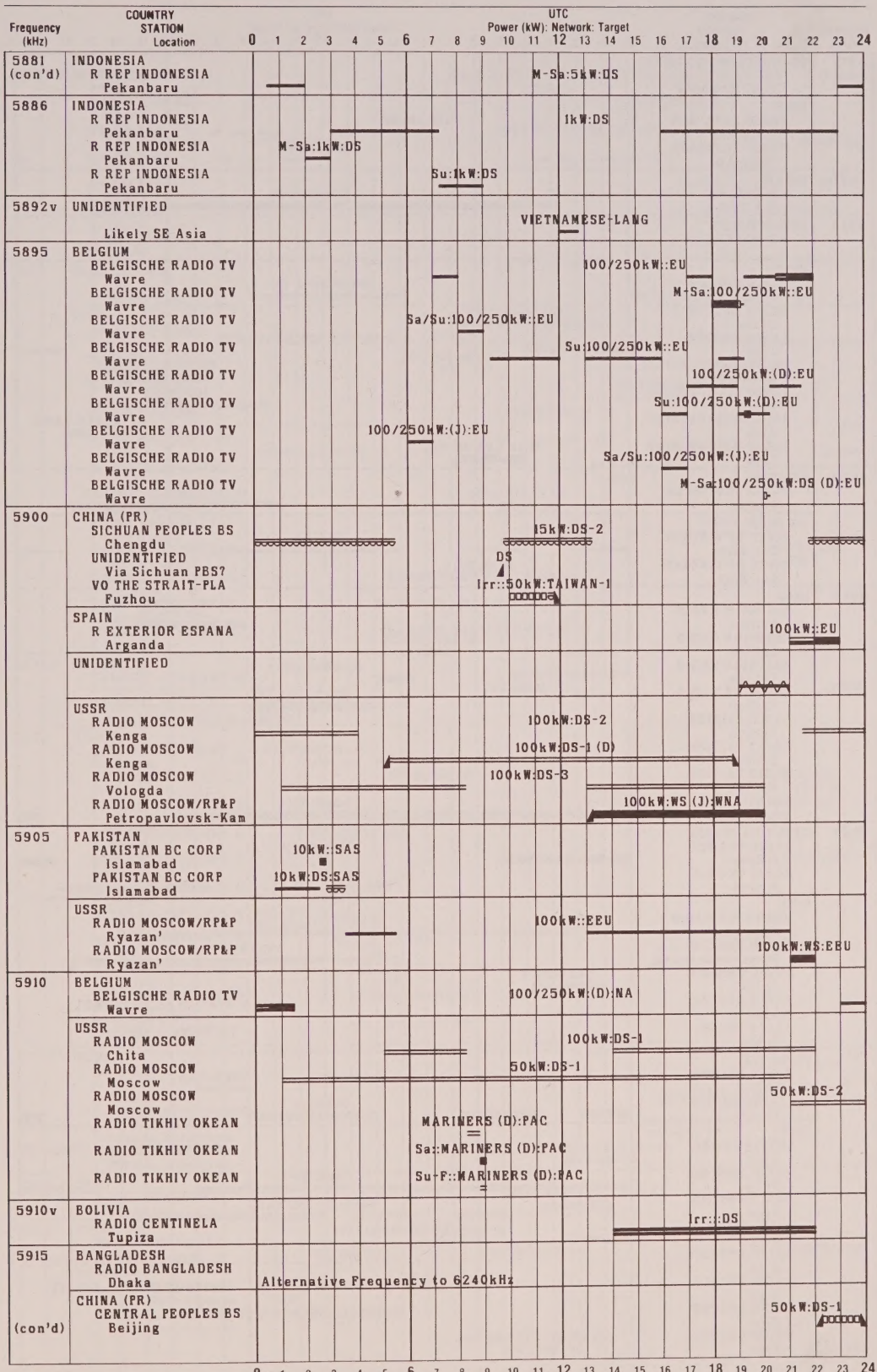
波長（Ｍ）＝２９９，７９２／周波数（kHz）で計算できます。この式は，或る局が何メータ・バンドに出ているかを確めるときにも使えます。（Short Wave Spectrum の項参照）

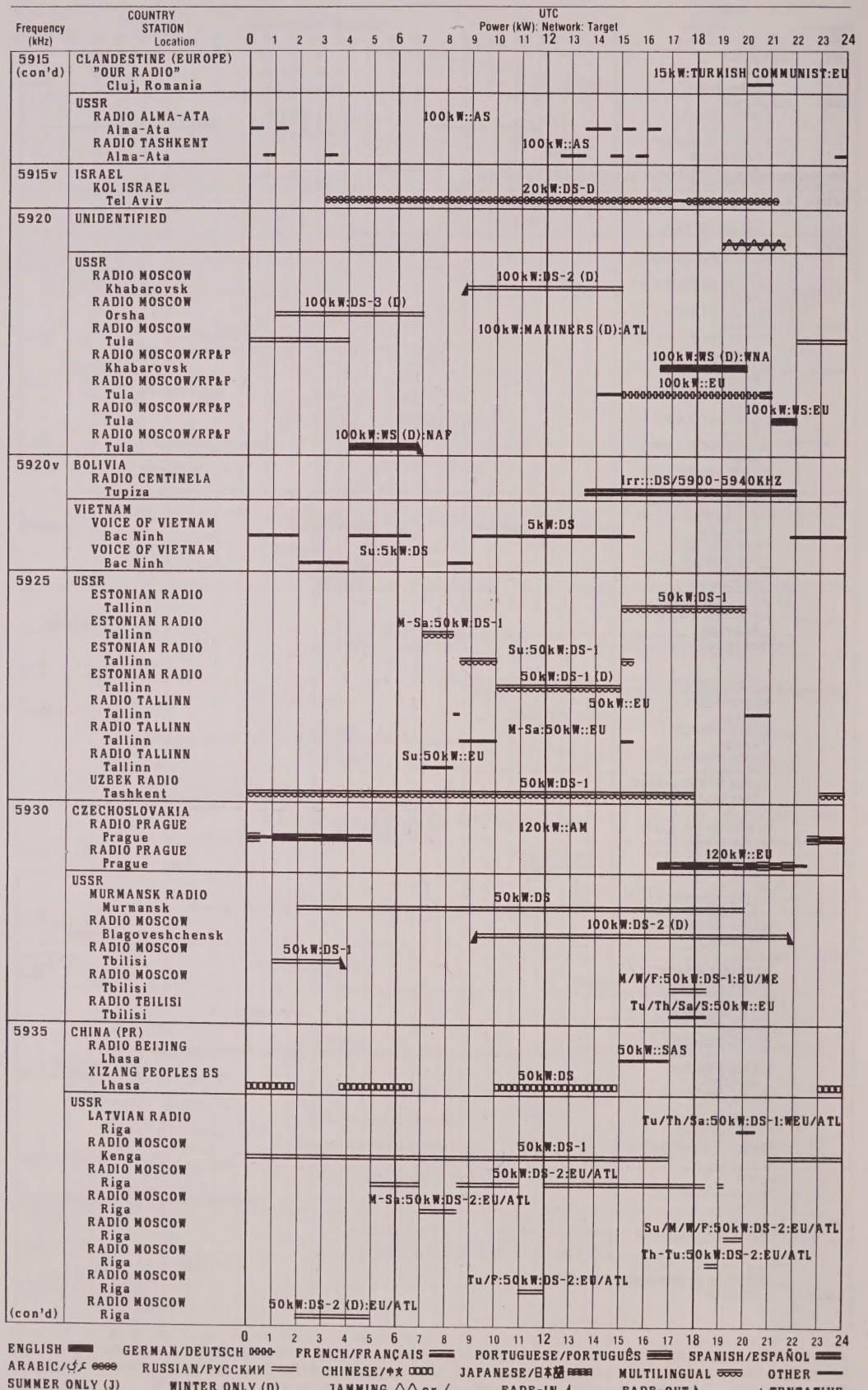
WS - World Service. ワールド・サービス。（全世界カバーの放送）

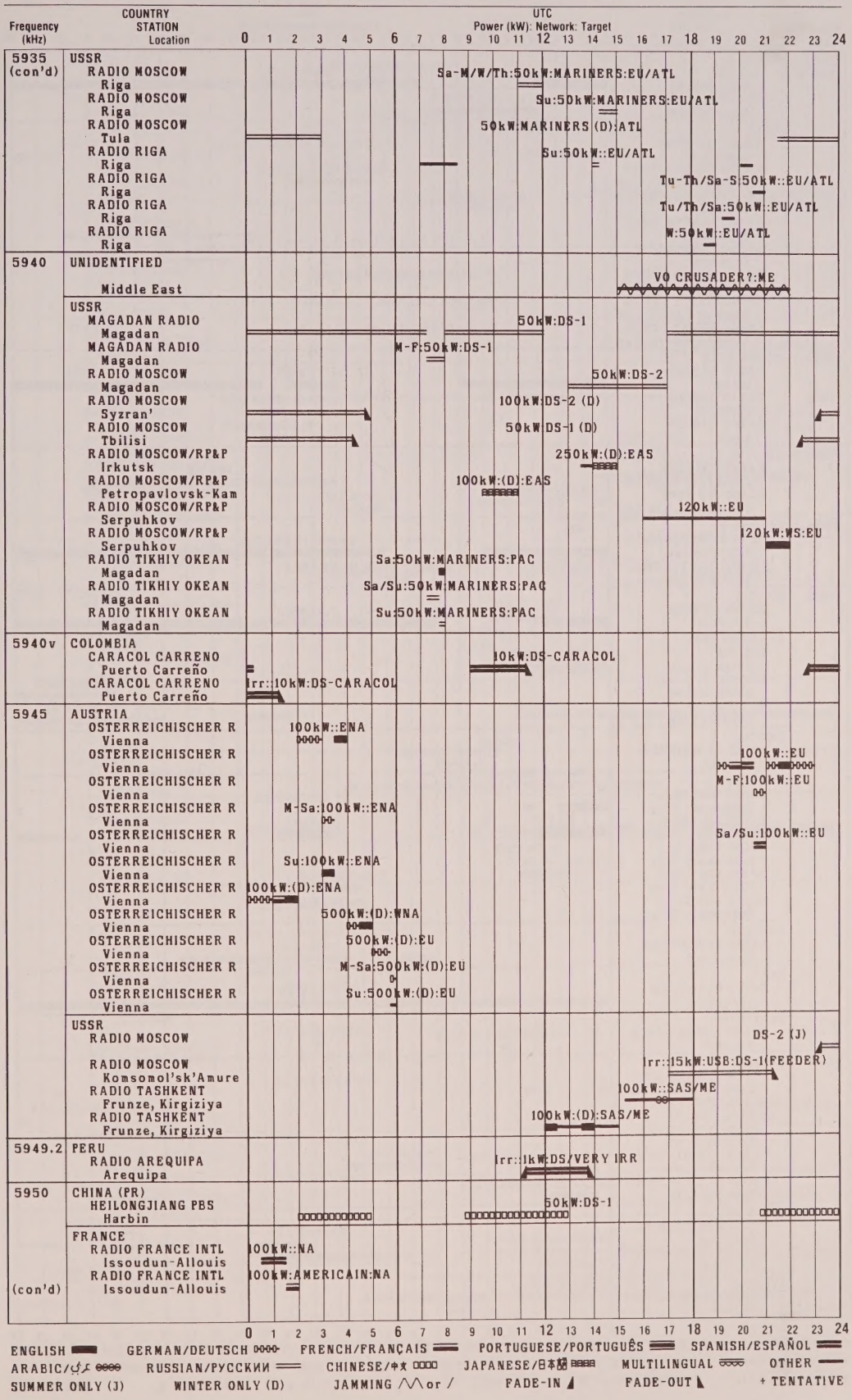
グラフ表示へのガイド

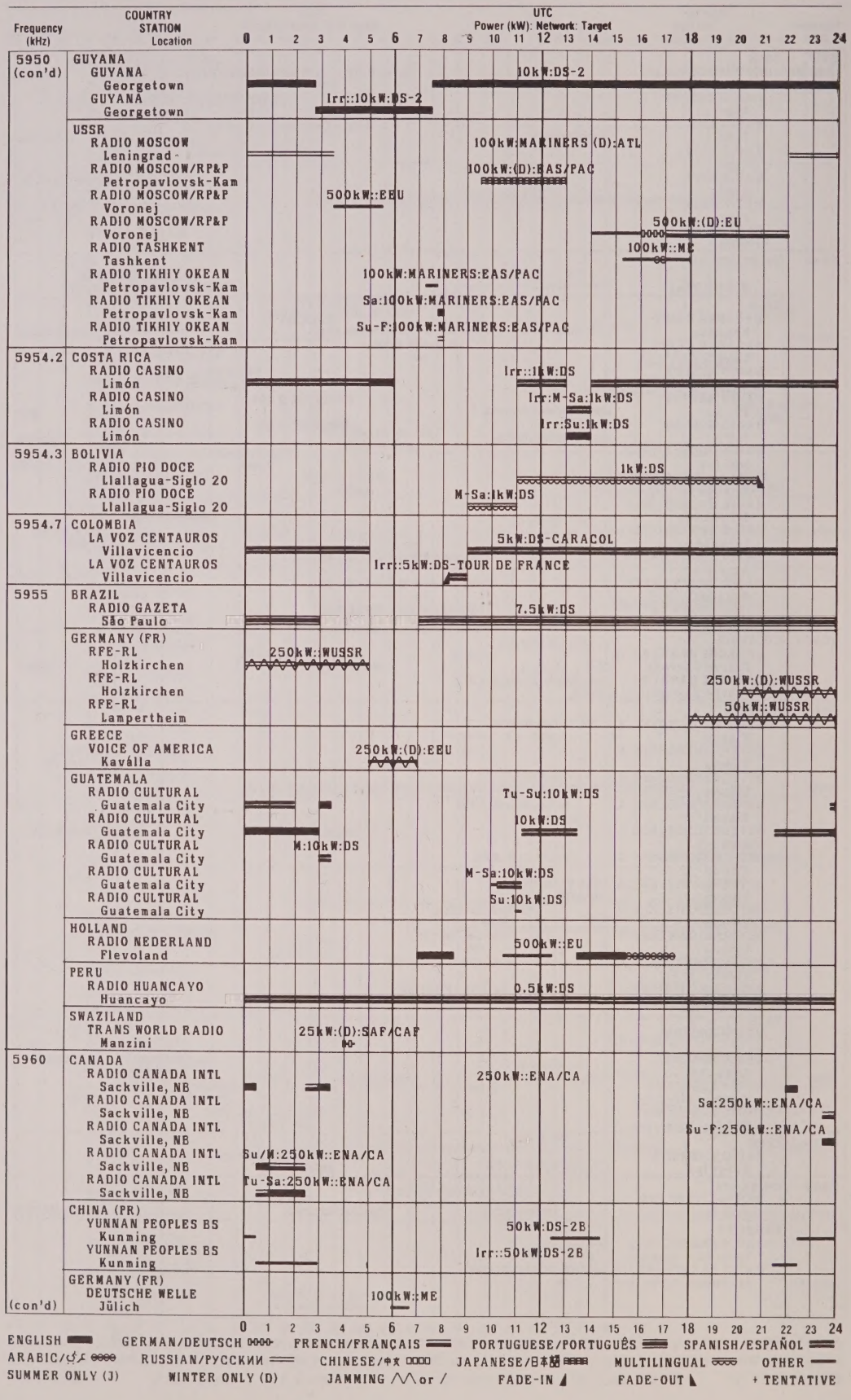


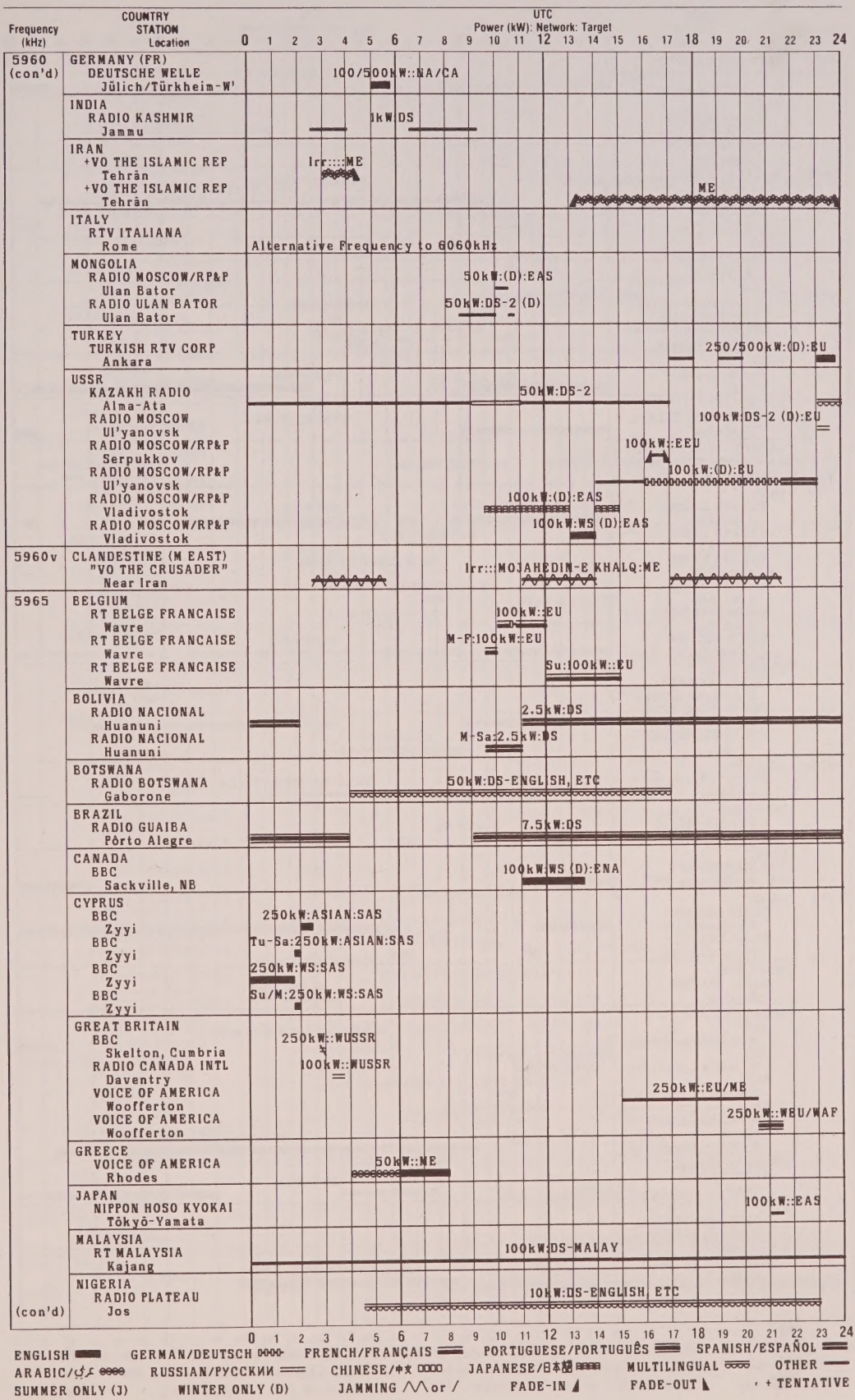

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5739v PERU RADIO SAN JOSE Santa Cruz
Irr:::DS
5747.5 USA VOICE OF AMERICA Greenville, NC
Irr::40kW:LSB:(FEEDER)
5760 VENEZUELA ECOS DEL TORBES San Cristóbal
Irr:::SPR:DS/4980 - 780KHZ
5770 CHINA (PR) VO THE STRAIT-PLA Fuzhou
10kW:TAIWAN-2
VO THE STRAIT-PLA Fuzhou
10kW:TAIWAN-2 (D)
5770v PERU RADIO AYAVIRI Ayaviri
1kW:DS
RADIO AYAVIRI Ayaviri
Irr::1kW:DS
5780 USSR TASS NEWS AGENCY Moscow
M-F:15kW:DS
5790 GERMANY (FR) RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
5800 CHINA (PR) CENTRAL PEOPLES BS Urümqi
50kW:DS-MINORITIES
XINJIANG PBS Urümqi
50kW:DS-UIGHUR
5802v PERU FREC SAN IGNACIO San Ignacio
0.1kW:DS
FREC SAN IGNACIO San Ignacio
Irr::0.1kW:DS
5815 USSR RADIO MOSCOW Moscow
Irr::15kW:LSB:DS-2 (D)(FEEDER)
RADIO MOSCOW Moscow
Irr::15kW:LSB:DS-1 (D)(FEEDER)
5816v PERU LV DEL ALTIPLANO Puno
0.85kW:DS
5845 GERMANY (FR) RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
5849v PIRATE (PACIFIC) "RADIO KIWI" Hastings,N Zealand
Alt 7340vkHz:Sa:0.03/1.7kW:INACTIVE:ANZ
"RADIO KIWI" Hastings,N Zealand
Alt 7340vkHz:Irr:Su:0.03/1.7kW:INACTIVE:ANZ
5850 CHINA (PR) RADIO BEIJING Beijing
120kW::EAS
RADIO BEIJING Beijing
120kW::USSR
5855v CLANDESTINE (ASIA) "VO AFGHANISTAN" Pakistan
0.5kW:ANTI-SOVIET:SAS
5860 CANADA CANADIAN BC CORP Sackville, NB
M-F::SPR:DS/0.5X11720KHZ
CANADIAN BC CORP Sackville, NB
Sa::SPR:DS/0.5X11720KHZ
CANADIAN BC CORP Sackville, NB
Su::SPR:DS/0.5X11720KHZ
CHINA (PR) CENTRAL PEOPLES BS Shijiazhuang
50kW:DS-1 (D)
CENTRAL PEOPLES BS Shijiazhuang
Irr::50kW:DS-1
CENTRAL PEOPLES BS Shijiazhuang
50kW:DS-1
5868 GERMANY (FR) DEUTSCHE WELLE Elmshorn
Irr::20kW:USB:(FEEDER):WEU
5875 SAUDI ARABIA BS OF THE KINGDOM Ad Dir'iyah
50kW:DS
5880 CHINA (PR) CENTRAL PEOPLES BS Beijing
10kW:DS-1
5881 (con'd) INDONESIA R REP INDONESIA Pekanbaru
5kW:DS
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING or / FADE-IN FADE-OUT + TENTATIVE

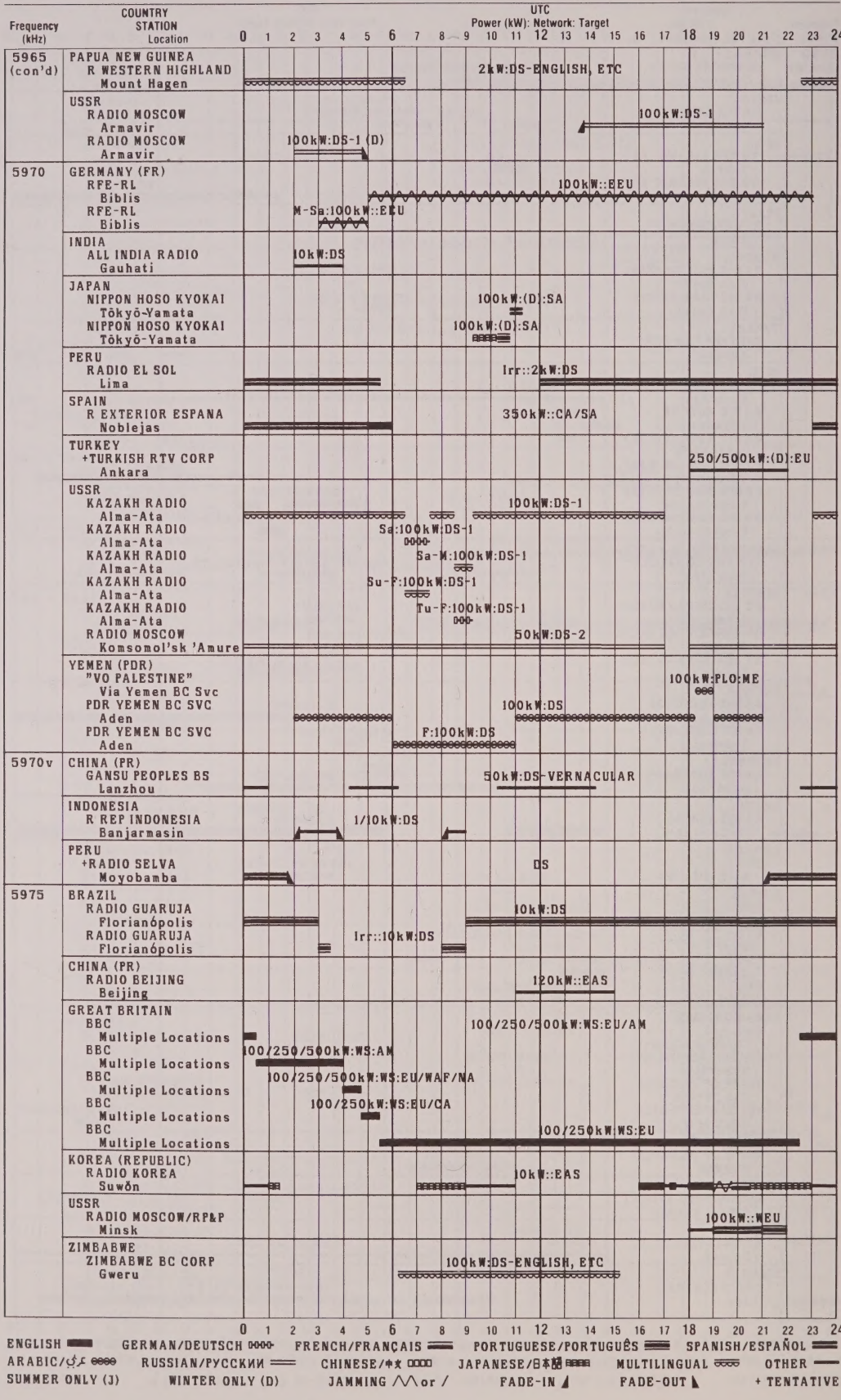

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5881 (con'd)
INDONESIA
R REP INDONESIA Pekanbaru
M-Sa:5kW:DS
5886
INDONESIA
R REP INDONESIA Pekanbaru
1kW:DS
R REP INDONESIA Pekanbaru
M-Sa:1kW:DS
R REP INDONESIA Pekanbaru
Su:1kW:DS
5892v
UNIDENTIFIED
Likely SE Asia
VIETNAMESE+LANG
5895
BELGIUM
BELGISCHE RADIO TV Wavre
100/250kW::EU
BELGISCHE RADIO TV Wavre
M-Sa:100/250kW::EU
BELGISCHE RADIO TV Wavre
Sa/Su:100/250kW::EU
BELGISCHE RADIO TV Wavre
Su:100/250kW::EU
BELGISCHE RADIO TV Wavre
100/250kW:(D):EU
BELGISCHE RADIO TV Wavre
Su:100/250kW:(D):EU
BELGISCHE RADIO TV Wavre
100/250kW:(J):EU
BELGISCHE RADIO TV Wavre
Sa/Su:100/250kW:(J):EU
BELGISCHE RADIO TV Wavre
M-Sa:100/250kW:DS (D):EU
5900
CHINA (PR)
SICHUAN PEOPLES BS Chengdu
15kW:DS-2
UNIDENTIFIED
Via Sichuan PBS?
DS
VO THE STRAIT-PLA Fuzhou
Irr::50kW:TAIWAN-1
SPAIN
R EXTERIOR ESPANA Arganda
100kW::EU
UNIDENTIFIED
USSR
RADIO MOSCOW Kenga
100kW:DS-2
RADIO MOSCOW Kenga
100kW:DS-1 (D)
RADIO MOSCOW Vologda
100kW:DS-3
RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:WS (J):WNA
5905
PAKISTAN
PAKISTAN BC CORP Islamabad
10kW::SAS
PAKISTAN BC CORP Islamabad
10kW:DS:SAS
USSR
RADIO MOSCOW/RP&P Ryazan'
100kW::EEU
RADIO MOSCOW/RP&P Ryazan'
100kW:WS:EEU
5910
BELGIUM
BELGISCHE RADIO TV Wavre
100/250kW:(D):NA
USSR
RADIO MOSCOW Chita
100kW:DS-1
RADIO MOSCOW Moscow
50kW:DS-1
RADIO MOSCOW Moscow
50kW:DS-2
RADIO TIKHIY OKEAN
MARINERS (D):PAC
RADIO TIKHIY OKEAN
Sa::MARINERS (D):PAC
RADIO TIKHIY OKEAN
Su+F::MARINERS (D):PAC
5910v
BOLIVIA
RADIO CENTINELA Tupiza
Irr::DS
5915
BANGLADESH
RADIO BANGLADESH Dhaka
Alternative Frequency to 6240kHz
CHINA (PR)
CENTRAL PEOPLES BS Beijing
50kW:DS-1
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

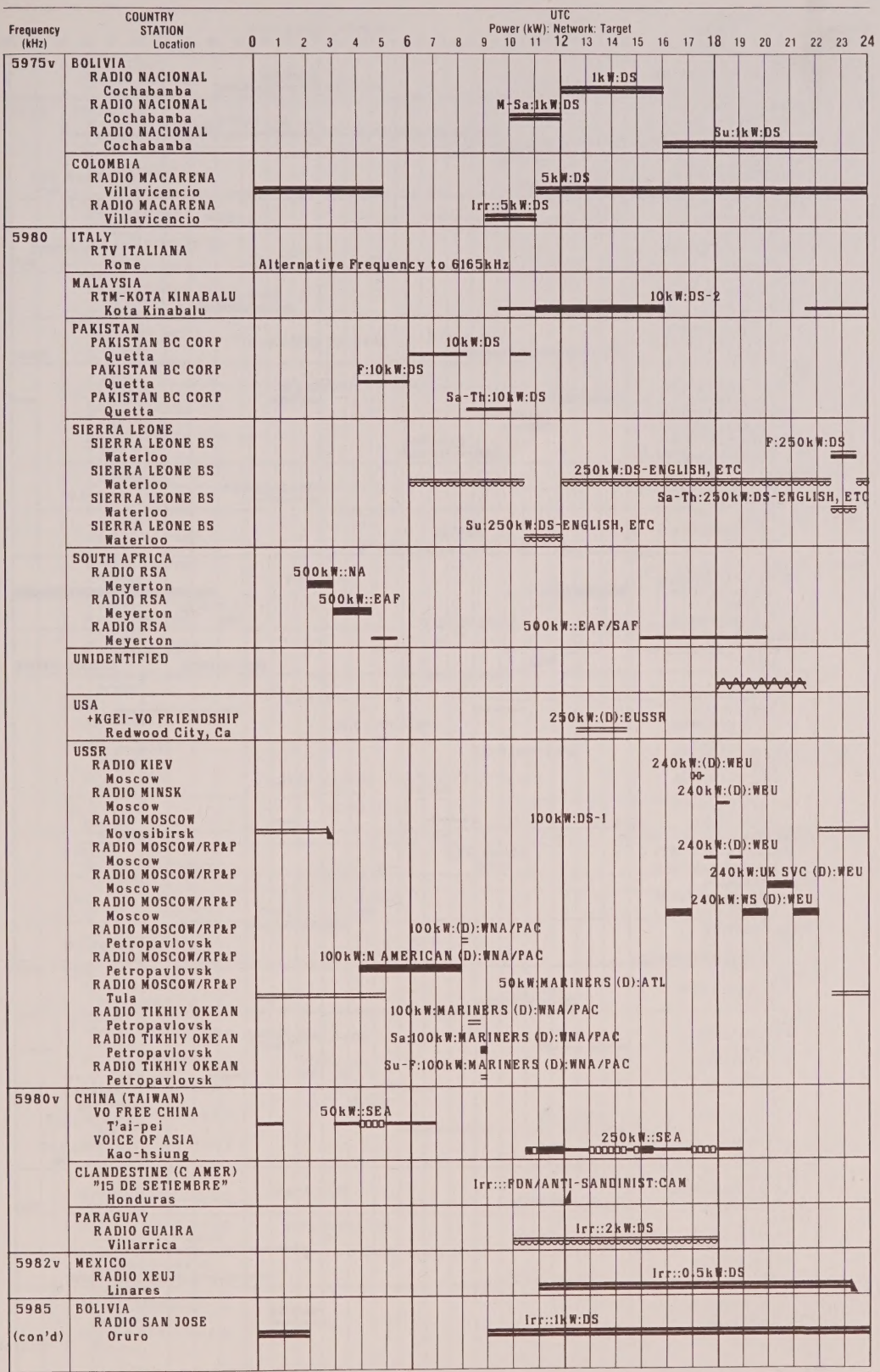

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5915 (con'd)
CLANDESTINE (EUROPE) "OUR RADIO" Cluj, Romania
15kW:TURKISH COMMUNIST:EU
USSR
RADIO ALMA-ATA Alma-Ata
RADIO TASHKENT Alma-Ata
100kW::AS
100kW::AS
5915v
ISRAEL
KOL ISRAEL Tel Aviv
20kW:DS-D
5920
UNIDENTIFIED
USSR
RADIO MOSCOW Khabarovsk
RADIO MOSCOW Orsha
RADIO MOSCOW Tula
RADIO MOSCOW/RP&P Khabarovsk
RADIO MOSCOW/RP&P Tula
RADIO MOSCOW/RP&P Tula
RADIO MOSCOW/RP&P Tula
100kW:DS-2 (D)
100kW:DS-3 (D)
100kW:MARINERS (D):ATL
100kW:WS (D):WNA
100kW::EU
100kW:WS:EU
100kW:WS (D):NAP
5920v
BOLIVIA
RADIO CENTINELA Tupiza
Irr::DS/5900-5940KHZ
VIETNAM
VOICE OF VIETNAM Bac Ninh
VOICE OF VIETNAM Bac Ninh
5kW:DS
Su:5kW:DS
5925
USSR
ESTONIAN RADIO Tallinn
ESTONIAN RADIO Tallinn
ESTONIAN RADIO Tallinn
ESTONIAN RADIO Tallinn
RADIO TALLINN Tallinn
RADIO TALLINN Tallinn
RADIO TALLINN Tallinn
UZBEK RADIO Tashkent
50kW:DS-1
M-Sa:50kW:DS-1
Su:50kW:DS-1
50kW:DS-1 (D)
50kW::EU
M-Sa:50kW::EU
Su:50kW::EU
50kW:DS-1
5930
CZECHOSLOVAKIA
RADIO PRAGUE Prague
RADIO PRAGUE Prague
120kW::AM
120kW::EU
USSR
MURMANSK RADIO Murmansk
RADIO MOSCOW Blagoveshchensk
RADIO MOSCOW Tbilisi
RADIO MOSCOW Tbilisi
RADIO TBILISI Tbilisi
50kW:DS
100kW:DS-2 (D)
50kW:DS-1
M/W/F:50kW:DS-1:EU/ME
Tu/Th/Sa/S:50kW::EU
5935
CHINA (PR)
RADIO BEIJING Lhasa
XIZANG PEOPLES BS Lhasa
50kW::SAS
50kW:DS
USSR
LATVIAN RADIO Riga
RADIO MOSCOW Kenga
RADIO MOSCOW Riga
RADIO MOSCOW Riga
RADIO MOSCOW Riga
RADIO MOSCOW Riga
RADIO MOSCOW Riga
RADIO MOSCOW Riga
(con'd)
Tu/Th/Sa:50kW:DS-1:WEU/ATL
50kW:DS-1
50kW:DS-2:EU/ATL
M-Sa:50kW:DS-2:EU/ATL
Su/M/W/F:50kW:DS-2:EU/ATL
Th-Tu:50kW:DS-2:EU/ATL
Tu/F:50kW:DS-2:EU/ATL
50kW:DS-2 (D):EU/ATL
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

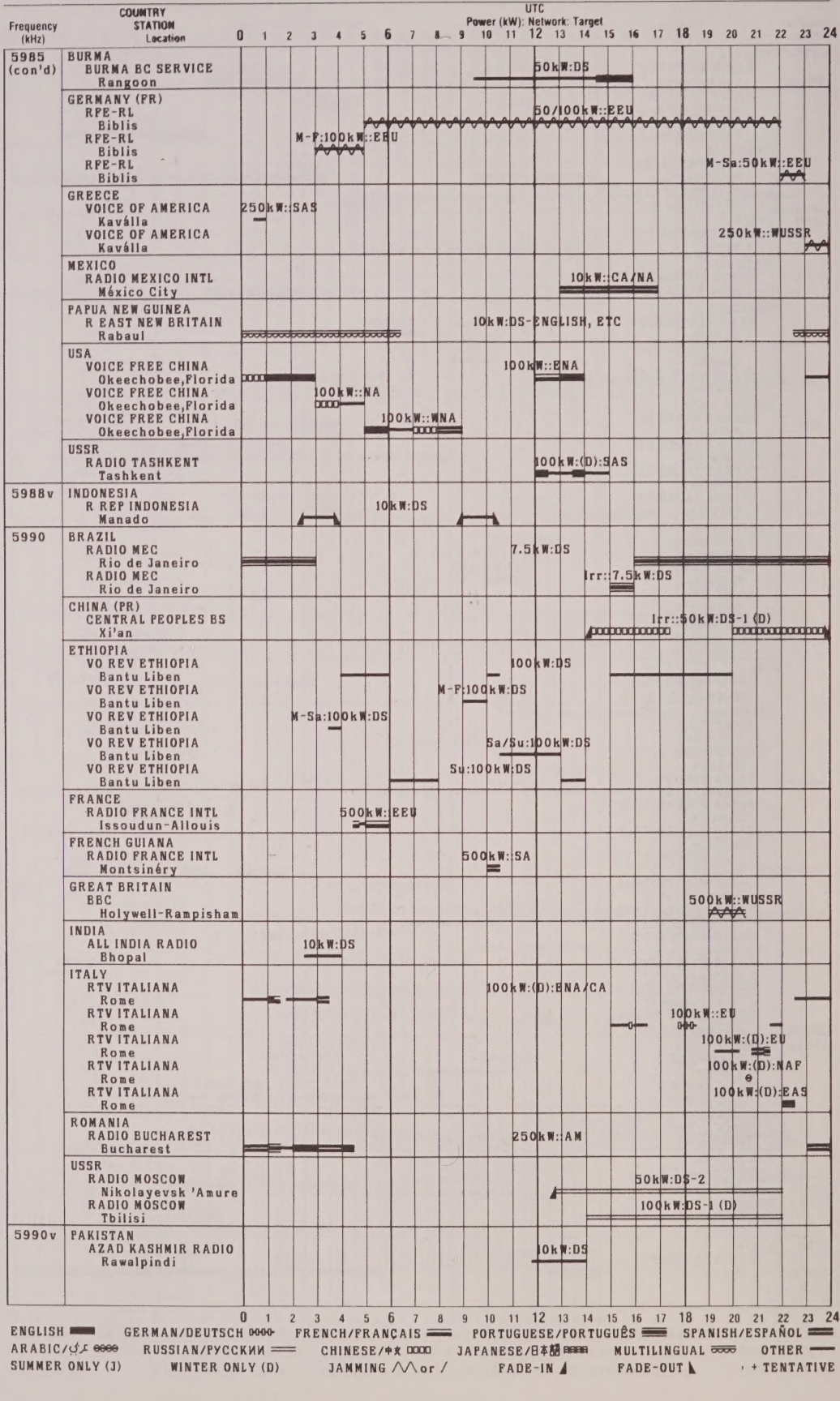

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5935 (con'd)
USSR
RADIO MOSCOW Riga
Sa-M/W/Th:50kW:MARINERS:EU/ATL
RADIO MOSCOW Riga
Su:50kW:MARINERS:EU/ATL
RADIO MOSCOW Tula
50kW:MARINERS (D):ATL
RADIO RIGA Riga
Su:50kW::EU/ATL
RADIO RIGA Riga
Tu-Th/Sa-S:50kW::EU/ATL
RADIO RIGA Riga
Tu/Th/Sa:50kW::EU/ATL
RADIO RIGA Riga
W:50kW::EU/ATL
5940
UNIDENTIFIED Middle East
VO CRUSADER?:ME
USSR
MAGADAN RADIO Magadan
50kW:DS-1
MAGADAN RADIO Magadan
M-F:50kW:DS-1
RADIO MOSCOW Magadan
50kW:DS-2
RADIO MOSCOW Syzran'
100kW:DS-2 (D)
RADIO MOSCOW Tbilisi
50kW:DS-1 (D)
RADIO MOSCOW/RP&P Irkutsk
250kW:(D):EAS
RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:(D):EAS
RADIO MOSCOW/RP&P Serpuhkov
120kW::EU
RADIO MOSCOW/RP&P Serpuhkov
120kW:WS:EU
RADIO TIKHIY OKEAN Magadan
Sa:50kW:MARINERS:PAC
RADIO TIKHIY OKEAN Magadan
Sa/Su:50kW:MARINERS:PAC
RADIO TIKHIY OKEAN Magadan
Su:50kW:MARINERS:PAC
5940v
COLOMBIA
CARACOL CARRENO Puerto Carreño
10kW:DS-CARACOL
CARACOL CARRENO Puerto Carreño
Irr::10kW:DS-CARACOL
5945
AUSTRIA
OSTERREICHISCHER R Vienna
100kW::ENA
OSTERREICHISCHER R Vienna
100kW::EU
OSTERREICHISCHER R Vienna
M-F:100kW::EU
OSTERREICHISCHER R Vienna
M-Sa:100kW::ENA
OSTERREICHISCHER R Vienna
Sa/Su:100kW::EU
OSTERREICHISCHER R Vienna
Su:100kW::ENA
OSTERREICHISCHER R Vienna
100kW:(D):ENA
OSTERREICHISCHER R Vienna
500kW:(D):WNA
OSTERREICHISCHER R Vienna
500kW:(D):EU
OSTERREICHISCHER R Vienna
M-Sa:500kW:(D):EU
OSTERREICHISCHER R Vienna
Su:500kW:(D):EU
USSR
RADIO MOSCOW
DS-2 (J)
RADIO MOSCOW Komsomol'sk'Amure
Irr::15kW:USB:DS-1(FEEDER)
RADIO TASHKENT Frunze, Kirgiziya
100kW::SAS/ME
RADIO TASHKENT Frunze, Kirgiziya
100kW:(D):SAS/ME
5949.2
PERU
RADIO AREQUIPA Arequipa
Irr::1kW:DS/VERY IRR
5950
CHINA (PR)
HEILONGJIANG PBS Harbin
50kW:DS-1
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100kW::NA
RADIO FRANCE INTL Issoudun-Allouis
100kW:AMERICAIN:NA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

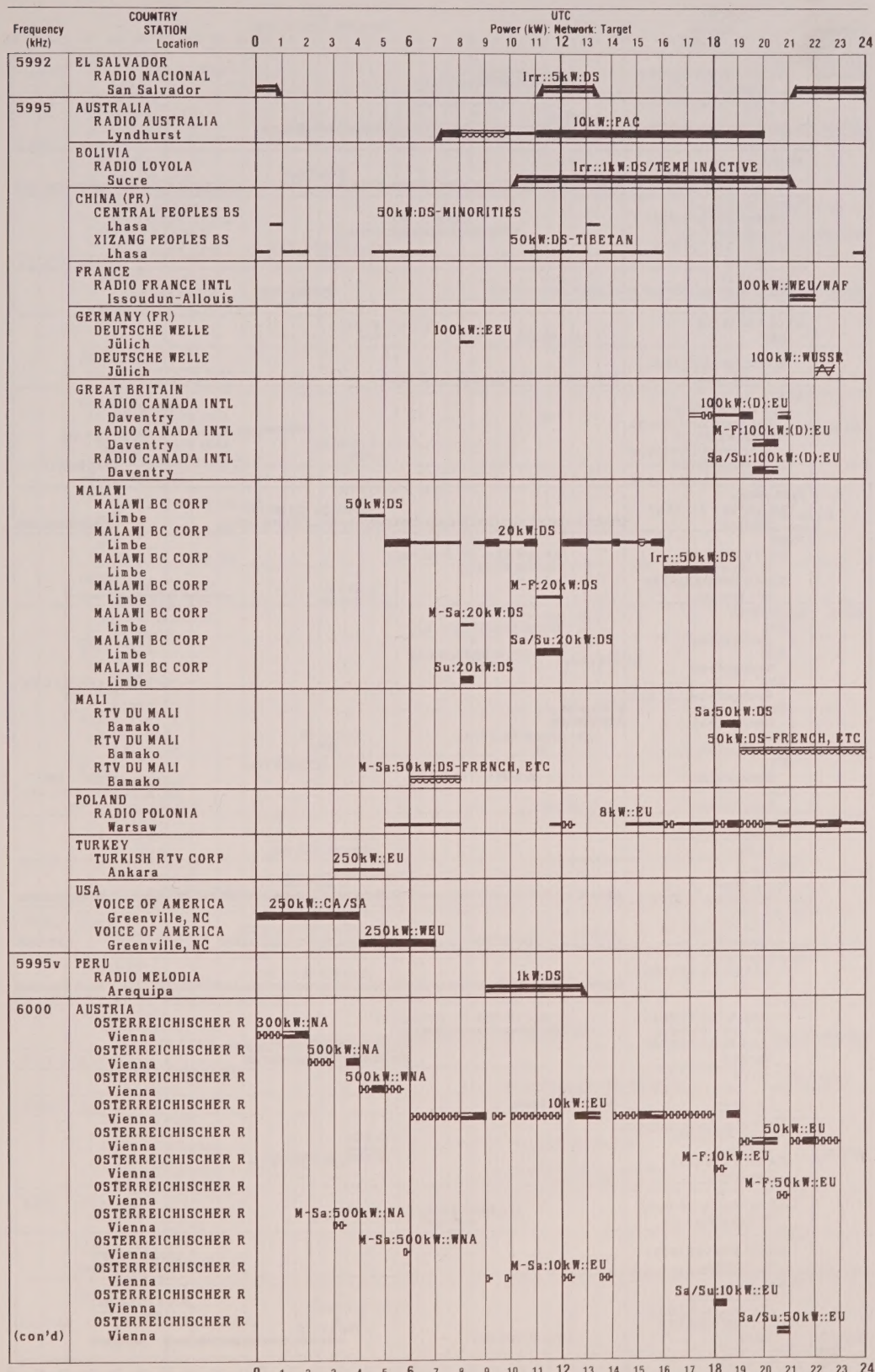

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5950 (con'd)
GUYANA
GUYANA Georgetown
10kW:DS-2
GUYANA Georgetown
Irr::10kW:DS-2
USSR
RADIO MOSCOW Leningrad
100kW:MARINERS (D):ATL
RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:(D):EAS/PAC
RADIO MOSCOW/RP&P Voronej
500kW::EEU
RADIO MOSCOW/RP&P Voronej
500kW:(D):EU
RADIO TASHKENT Tashkent
100kW::ME
RADIO TIKHIY OKEAN Petropavlovsk-Kam
100kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Petropavlovsk-Kam
Sa:100kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Petropavlovsk-Kam
Su-F:100kW:MARINERS:EAS/PAC
5954.2
COSTA RICA
RADIO CASINO Limón
Irr::1kW:DS
RADIO CASINO Limón
Irr:M-Sa:1kW:DS
RADIO CASINO Limón
Irr:Su:1kW:DS
5954.3
BOLIVIA
RADIO PIO DOCE Llallagua-Siglo 20
1kW:DS
RADIO PIO DOCE Llallagua-Siglo 20
M-Sa:1kW:DS
5954.7
COLOMBIA
LA VOZ CENTAUROS Villavicencio
5kW:DS-CARACOL
LA VOZ CENTAUROS Villavicencio
Irr::5kW:DS-TOUR DE FRANCE
5955
BRAZIL
RADIO GAZETA São Paulo
7.5kW:DS
GERMANY (FR)
RFE-RL Holzkirchen
250kW::WUSSR
RFE-RL Holzkirchen
250kW:(D):WUSSR
RFE-RL Lampertheim
50kW::WUSSR
GREECE
VOICE OF AMERICA Kaválla
250kW:(D):EEU
GUATEMALA
RADIO CULTURAL Guatemala City
Tu-Su:10kW:DS
RADIO CULTURAL Guatemala City
10kW:DS
RADIO CULTURAL Guatemala City
M:10kW:DS
RADIO CULTURAL Guatemala City
M-Sa:10kW:DS
RADIO CULTURAL Guatemala City
Su:10kW:DS
HOLLAND
RADIO NEDERLAND Flevoland
500kW::EU
PERU
RADIO HUANCAYO Huancayo
0.5kW:DS
SWAZILAND
TRANS WORLD RADIO Manzini
25kW:(D):SAF/CAF
5960
CANADA
RADIO CANADA INTL Sackville, NB
250kW::ENA/CA
RADIO CANADA INTL Sackville, NB
Sa:250kW::ENA/CA
RADIO CANADA INTL Sackville, NB
Su-F:250kW::ENA/CA
RADIO CANADA INTL Sackville, NB
Su/M:250kW::ENA/CA
RADIO CANADA INTL Sackville, NB
Tu-Sa:250kW::ENA/CA
CHINA (PR)
YUNNAN PEOPLES BS Kunming
50kW:DS-2B
YUNNAN PEOPLES BS Kunming
Irr::50kW:DS-2B
GERMANY (FR)
DEUTSCHE WELLE Jülich
(con'd)
100kW::ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

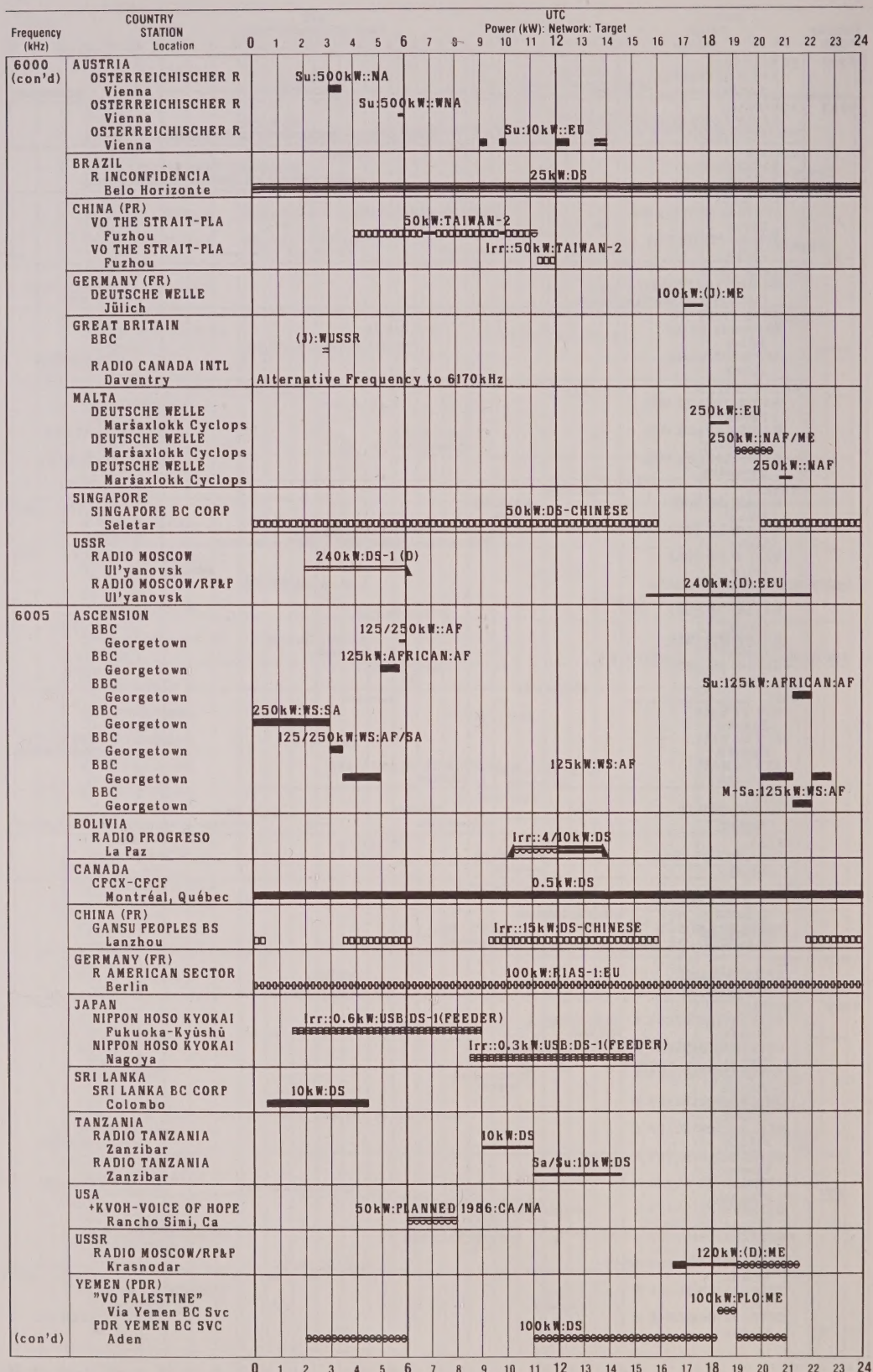

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5960 (con'd)
GERMANY (FR)
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::NA/CA
INDIA
RADIO KASHMIR
Jammu
1kW:DS
IRAN
+VO THE ISLAMIC REP
Tehrān
Irr::::ME
+VO THE ISLAMIC REP
Tehrān
ME
ITALY
RTV ITALIANA
Rome
Alternative Frequency to 6060kHz
MONGOLIA
RADIO MOSCOW/RP&P
Ulan Bator
50kW:(D):EAS
RADIO ULAN BATOR
Ulan Bator
50kW:DS-2 (D)
TURKEY
TURKISH RTV CORP
Ankara
250/500kW:(D):EU
USSR
KAZAKH RADIO
Alma-Ata
50kW:DS-2
RADIO MOSCOW
Ul'yanovsk
100kW:DS-2 (D):EU
RADIO MOSCOW/RP&P
Serpukkov
100kW::EEU
RADIO MOSCOW/RP&P
Ul'yanovsk
100kW:(D):EU
RADIO MOSCOW/RP&P
Vladivostok
100kW:(D):EAS
RADIO MOSCOW/RP&P
Vladivostok
100kW:WS (D):EAS
5960v
CLANDESTINE (M EAST)
"VO THE CRUSADER"
Near Iran
Irr:::MOJAHEDIN-E KHALQ:ME
5965
BELGIUM
RT BELGE FRANCAISE
Wavre
100kW::EU
RT BELGE FRANCAISE
Wavre
M-F:100kW::EU
RT BELGE FRANCAISE
Wavre
Su:100kW::EU
BOLIVIA
RADIO NACIONAL
Huanuni
2.5kW:DS
RADIO NACIONAL
Huanuni
M-Sa:2.5kW:DS
BOTSWANA
RADIO BOTSWANA
Gaborone
50kW:DS-ENGLISH, ETC
BRAZIL
RADIO GUAIBA
Pôrto Alegre
7.5kW:DS
CANADA
BBC
Sackville, NB
100kW:WS (D):ENA
CYPRUS
BBC
Zyyi
250kW:ASIAN:SAS
BBC
Zyyi
Tu-Sa:250kW:ASIAN:SAS
BBC
Zyyi
250kW:WS:SAS
BBC
Zyyi
Su/M:250kW:WS:SAS
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW::WUSSR
RADIO CANADA INTL
Daventry
100kW::WUSSR
VOICE OF AMERICA
Woofferton
250kW::EU/ME
VOICE OF AMERICA
Woofferton
250kW::WEU/WAF
GREECE
VOICE OF AMERICA
Rhodes
50kW::ME
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::EAS
MALAYSIA
RT MALAYSIA
Kajang
100kW:DS-MALAY
NIGERIA
RADIO PLATEAU
Jos
10kW:DS-ENGLISH, ETC
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

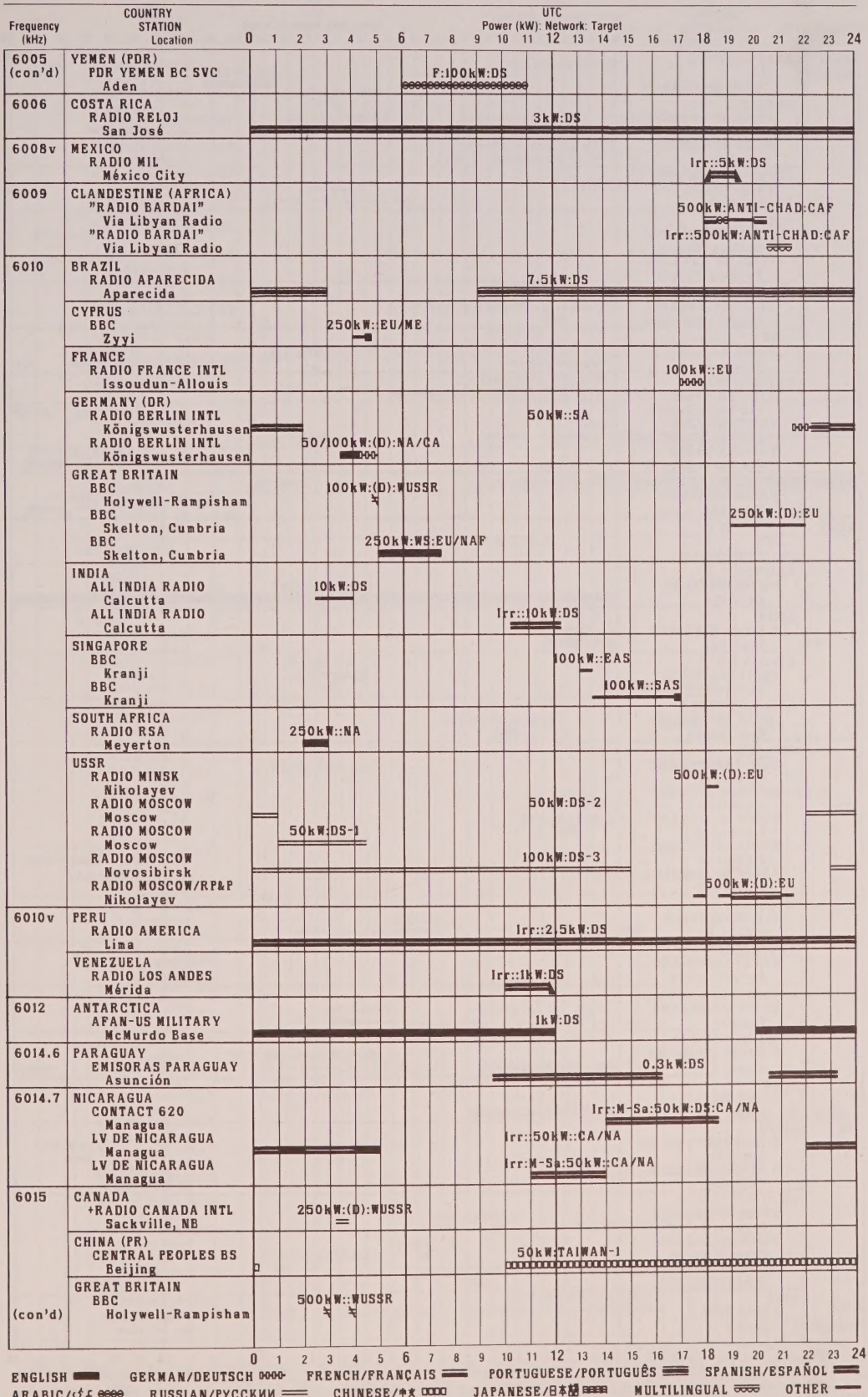

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5965 (con'd)
PAPUA NEW GUINEA
R WESTERN HIGHLAND
Mount Hagen
2kW:DS-ENGLISH, ETC
USSR
RADIO MOSCOW
Armavir
100kW:DS-1
RADIO MOSCOW
Armavir
100kW:DS-1 (D)
5970
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Biblis
M-Sa:100kW::EEU
INDIA
ALL INDIA RADIO
Gauhati
10kW:DS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:(D):SA
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:(D):SA
PERU
RADIO EL SOL
Lima
Irr::2kW:DS
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::CA/SA
TURKEY
+TURKISH RTV CORP
Ankara
250/500kW:(D):EU
USSR
KAZAKH RADIO
Alma-Ata
100kW:DS-1
KAZAKH RADIO
Alma-Ata
Sa:100kW:DS-1
KAZAKH RADIO
Alma-Ata
Sa-M:100kW:DS-1
KAZAKH RADIO
Alma-Ata
Su-F:100kW:DS-1
KAZAKH RADIO
Alma-Ata
Tu-F:100kW:DS-1
RADIO MOSCOW
Komsomol'sk 'Amure
50kW:DS-2
YEMEN (PDR)
"VO PALESTINE"
Via Yemen BC Svc
100kW:PLO:ME
PDR YEMEN BC SVC
Aden
100kW:DS
PDR YEMEN BC SVC
Aden
F:100kW:DS
5970v
CHINA (PR)
GANSU PEOPLES BS
Lanzhou
50kW:DS-VERNACULAR
INDONESIA
R REP INDONESIA
Banjarmasin
1/10kW:DS
PERU
+RADIO SELVA
Moyobamba
DS
5975
BRAZIL
RADIO GUARUJA
Florianópolis
10kW:DS
RADIO GUARUJA
Florianópolis
Irr::10kW:DS
CHINA (PR)
RADIO BEIJING
Beijing
120kW::EAS
GREAT BRITAIN
BBC
Multiple Locations
100/250/500kW:WS:EU/AM
BBC
Multiple Locations
100/250/500kW:WS:AM
BBC
Multiple Locations
100/250/500kW:WS:EU/WA/F/NA
BBC
Multiple Locations
100/250kW:WS:EU/CA
BBC
Multiple Locations
100/250kW:WS:EU
KOREA (REPUBLIC)
RADIO KOREA
Suwŏn
10kW::EAS
USSR
RADIO MOSCOW/RP&P
Minsk
100kW::WEU
ZIMBABWE
ZIMBABWE BC CORP
Gweru
100kW:DS-ENGLISH, ETC
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5975v
BOLIVIA
RADIO NACIONAL Cochabamba
1kW:DS
RADIO NACIONAL Cochabamba
M-Sa:1kW:DS
RADIO NACIONAL Cochabamba
Su:1kW:DS
COLOMBIA
RADIO MACARENA Villavicencio
5kW:DS
RADIO MACARENA Villavicencio
Irr::5kW:DS
5980
ITALY
RTV ITALIANA Rome
Alternative Frequency to 6165kHz
MALAYSIA
RTM-KOTA KINABALU Kota Kinabalu
10kW:DS-2
PAKISTAN
PAKISTAN BC CORP Quetta
10kW:DS
PAKISTAN BC CORP Quetta
F:10kW:DS
PAKISTAN BC CORP Quetta
Sa-Th:10kW:DS
SIERRA LEONE
SIERRA LEONE BS Waterloo
F:250kW:DS
SIERRA LEONE BS Waterloo
250kW:DS-ENGLISH, ETC
SIERRA LEONE BS Waterloo
Sa-Th:250kW:DS-ENGLISH, ETC
SIERRA LEONE BS Waterloo
Su:250kW:DS-ENGLISH, ETC
SOUTH AFRICA
RADIO RSA Meyerton
500kW::NA
RADIO RSA Meyerton
500kW::EAF
RADIO RSA Meyerton
500kW::EAF/SAF
UNIDENTIFIED
USA
+KGEI-VO FRIENDSHIP Redwood City, Ca
250kW:(D):EUSSR
USSR
RADIO KIEV Moscow
240kW:(D):WEU
RADIO MINSK Moscow
240kW:(D):WEU
RADIO MOSCOW Novosibirsk
100kW:DS-1
RADIO MOSCOW/RP&P Moscow
240kW:(D):WEU
RADIO MOSCOW/RP&P Moscow
240kW:UK SVC (D):WEU
RADIO MOSCOW/RP&P Moscow
240kW:WS (D):WEU
RADIO MOSCOW/RP&P Petropavlovsk
100kW:(D):WNA/PAC
RADIO MOSCOW/RP&P Petropavlovsk
100kW:N AMERICAN (D):WNA/PAC
RADIO MOSCOW/RP&P Tula
50kW:MARINERS (D):ATL
RADIO TIKHIY OKEAN Petropavlovsk
100kW:MARINERS (D):WNA/PAC
RADIO TIKHIY OKEAN Petropavlovsk
Sa:100kW:MARINERS (D):WNA/PAC
RADIO TIKHIY OKEAN Petropavlovsk
Su-F:100kW:MARINERS (D):WNA/PAC
5980v
CHINA (TAIWAN)
VO FREE CHINA T'ai-pei
50kW::SEA
VOICE OF ASIA Kao-hsiung
250kW::SEA
CLANDESTINE (C AMER)
"15 DE SETIEMBRE" Honduras
Irr:::RDN/ANTI-SANDINIST:CAM
PARAGUAY
RADIO GUAIRA Villarrica
Irr::2kW:DS
5982v
MEXICO
RADIO XEUJ Linares
Irr::0.5kW:DS
5985 (con'd)
BOLIVIA
RADIO SAN JOSE Oruro
Irr::1kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5985 (con'd)
BURMA
BURMA BC SERVICE
Rangoon
50kW:DS
GERMANY (FR)
RFE-RL
Biblis
50/100kW::EEU
RFE-RL
Biblis
M-F:100kW::EEU
RFE-RL
Biblis
M-Sa:50kW::EEU
GREECE
VOICE OF AMERICA
Kaválla
250kW::SAS
VOICE OF AMERICA
Kaválla
250kW::WUSSR
MEXICO
RADIO MEXICO INTL
México City
10kW::CA/NA
PAPUA NEW GUINEA
R EAST NEW BRITAIN
Rabaul
10kW:DS-ENGLISH, ETC
USA
VOICE FREE CHINA
Okeechobee,Florida
100kW::ENA
VOICE FREE CHINA
Okeechobee,Florida
100kW::NA
VOICE FREE CHINA
Okeechobee,Florida
100kW::WNA
USSR
RADIO TASHKENT
Tashkent
100kW:(D):SAS
5988v
INDONESIA
R REP INDONESIA
Manado
10kW:DS
5990
BRAZIL
RADIO MEC
Rio de Janeiro
7.5kW:DS
RADIO MEC
Rio de Janeiro
Irr::7.5kW:DS
CHINA (PR)
CENTRAL PEOPLES BS
Xi'an
Irr::50kW:DS-1 (D)
ETHIOPIA
VO REV ETHIOPIA
Bantu Liben
100kW:DS
VO REV ETHIOPIA
Bantu Liben
M-F:100kW:DS
VO REV ETHIOPIA
Bantu Liben
M-Sa:100kW:DS
VO REV ETHIOPIA
Bantu Liben
Sa/Su:100kW:DS
VO REV ETHIOPIA
Bantu Liben
Su:100kW:DS
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::EEU
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::SA
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::WUSSR
INDIA
ALL INDIA RADIO
Bhopal
10kW:DS
ITALY
RTV ITALIANA
Rome
100kW:(D):ENA/CA
RTV ITALIANA
Rome
100kW::EU
RTV ITALIANA
Rome
100kW:(D):EU
RTV ITALIANA
Rome
100kW:(D):NAF
RTV ITALIANA
Rome
100kW:(D):EAS
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AM
USSR
RADIO MOSCOW
Nikolayevsk 'Amure
50kW:DS-2
RADIO MOSCOW
Tbilisi
100kW:DS-1 (D)
5990v
PAKISTAN
AZAD KASHMIR RADIO
Rawalpindi
10kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
5992
EL SALVADOR
RADIO NACIONAL
San Salvador
Irr::5kW:DS
5995
AUSTRALIA
RADIO AUSTRALIA
Lyndhurst
10kW::PAC
BOLIVIA
RADIO LOYOLA
Sucre
Irr::1kW:DS/TEMP INACTIVE
CHINA (PR)
CENTRAL PEOPLES BS
Lhasa
50kW:DS-MINORITIES
XIZANG PEOPLES BS
Lhasa
50kW:DS-TIBETAN
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::WEU/WAF
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EEU
DEUTSCHE WELLE
Jülich
100kW::WUSSR
GREAT BRITAIN
RADIO CANADA INTL
Daventry
100kW:(D):EU
RADIO CANADA INTL
Daventry
M-F:100kW:(D):EU
RADIO CANADA INTL
Daventry
Sa/Su:100kW:(D):EU
MALAWI
MALAWI BC CORP
Limbe
50kW:DS
MALAWI BC CORP
Limbe
20kW:DS
MALAWI BC CORP
Limbe
Irr::50kW:DS
MALAWI BC CORP
Limbe
M-F:20kW:DS
MALAWI BC CORP
Limbe
M-Sa:20kW:DS
MALAWI BC CORP
Limbe
Sa/Su:20kW:DS
MALAWI BC CORP
Limbe
Su:20kW:DS
MALI
RTV DU MALI
Bamako
Sa:50kW:DS
RTV DU MALI
Bamako
50kW:DS-FRENCH, ETC
RTV DU MALI
Bamako
M-Sa:50kW:DS-FRENCH, ETC
POLAND
RADIO POLONIA
Warsaw
8kW::EU
TURKEY
TURKISH RTV CORP
Ankara
250kW::EU
USA
VOICE OF AMERICA
Greenville, NC
250kW::CA/SA
VOICE OF AMERICA
Greenville, NC
250kW::WEU
5995v
PERU
RADIO MELODIA
Arequipa
1kW:DS
6000
AUSTRIA
OSTERREICHISCHER R
Vienna
300kW::NA
OSTERREICHISCHER R
Vienna
500kW::NA
OSTERREICHISCHER R
Vienna
500kW::WNA
OSTERREICHISCHER R
Vienna
10kW::EU
OSTERREICHISCHER R
Vienna
50kW::EU
OSTERREICHISCHER R
Vienna
M-F:10kW::EU
OSTERREICHISCHER R
Vienna
M-F:50kW::EU
OSTERREICHISCHER R
Vienna
M-Sa:500kW::NA
OSTERREICHISCHER R
Vienna
M-Sa:500kW::WNA
OSTERREICHISCHER R
Vienna
M-Sa:10kW::EU
OSTERREICHISCHER R
Vienna
Sa/Su:10kW::EU
OSTERREICHISCHER R
Vienna
Sa/Su:50kW::EU
(con'd)
OSTERREICHISCHER R
Vienna
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

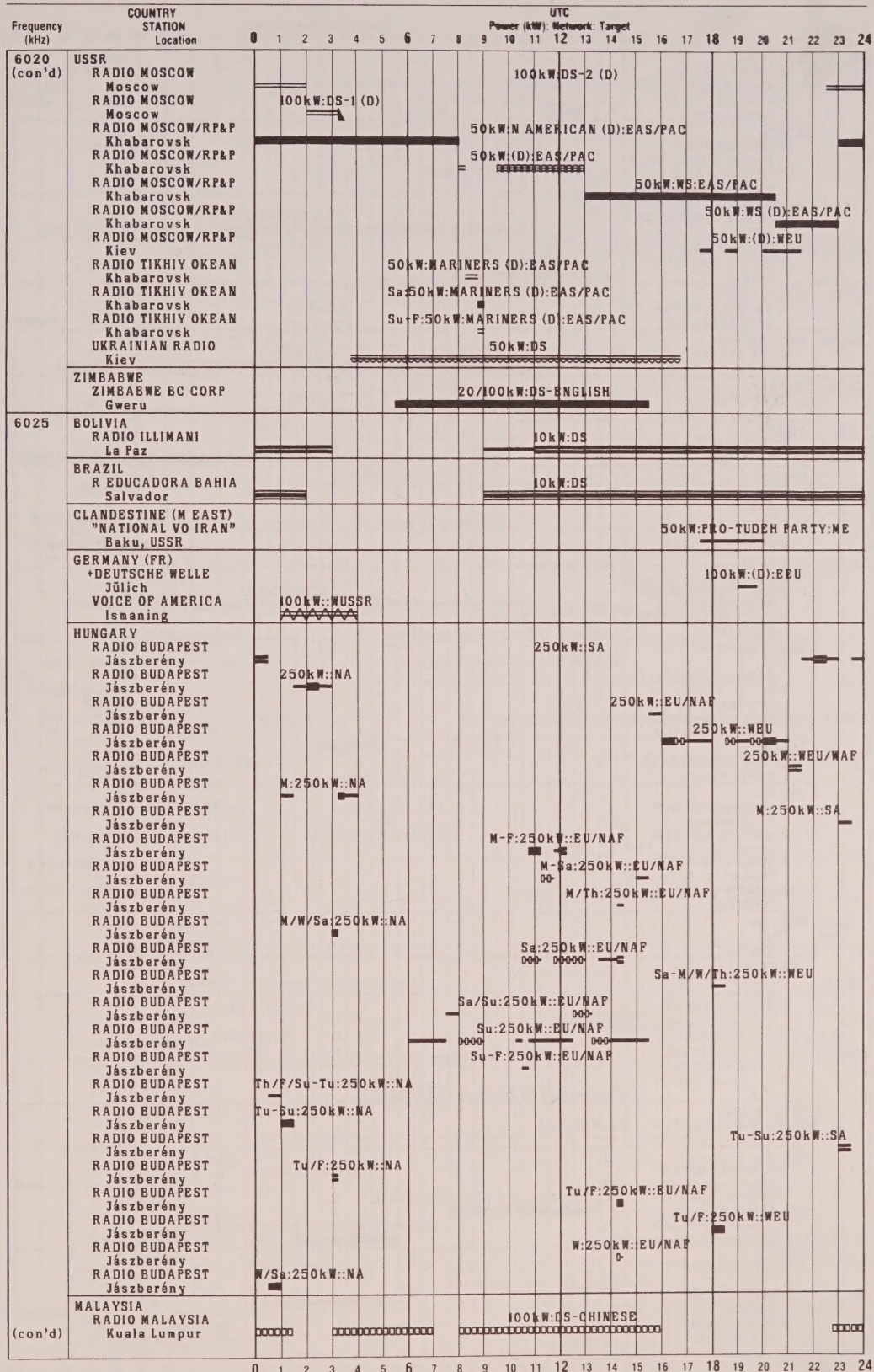

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6000 (con'd)
AUSTRIA
OSTERREICHISCHER R Vienna
Su:500kW::NA
OSTERREICHISCHER R Vienna
Su:500kW::WNA
OSTERREICHISCHER R Vienna
Su:10kW::EU
BRAZIL
R INCONFIDENCIA Belo Horizonte
25kW:DS
CHINA (PR)
VO THE STRAIT-PLA Fuzhou
50kW:TAIWAN-2
VO THE STRAIT-PLA Fuzhou
Irr::50kW:TAIWAN-2
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW:(J):ME
GREAT BRITAIN
BBC
(J):WUSSR
RADIO CANADA INTL Daventry
Alternative Frequency to 6170kHz
MALTA
DEUTSCHE WELLE Marśaxlokk Cyclops
250kW::EU
DEUTSCHE WELLE Marśaxlokk Cyclops
250kW::NAF/ME
DEUTSCHE WELLE Marśaxlokk Cyclops
250kW::NAF
SINGAPORE
SINGAPORE BC CORP Seletar
50kW:DS-CHINESE
USSR
RADIO MOSCOW Ul'yanovsk
240kW:DS-1 (D)
RADIO MOSCOW/RP&P Ul'yanovsk
240kW:(D):EEU
6005
ASCENSION
BBC Georgetown
125/250kW::AF
BBC Georgetown
125kW:AFRICAN:AF
BBC Georgetown
Su:125kW:AFRICAN:AF
BBC Georgetown
250kW:WS:SA
BBC Georgetown
125/250kW:WS:AF/SA
BBC Georgetown
125kW:WS:AF
BBC Georgetown
M-Sa:125kW:WS:AF
BOLIVIA
RADIO PROGRESO La Paz
Irr::4/10kW:DS
CANADA
CFCX-CFCF Montréal, Québec
0.5kW:DS
CHINA (PR)
GANSU PEOPLES BS Lanzhou
Irr::15kW:DS-CHINESE
GERMANY (FR)
R AMERICAN SECTOR Berlin
100kW:RIAS-1:EU
JAPAN
NIPPON HOSO KYOKAI Fukuoka-Kyūshū
Irr::0.6kW:USB:DS-1(FEEDER)
NIPPON HOSO KYOKAI Nagoya
Irr::0.3kW:USB:DS-1(FEEDER)
SRI LANKA
SRI LANKA BC CORP Colombo
10kW:DS
TANZANIA
RADIO TANZANIA Zanzibar
10kW:DS
RADIO TANZANIA Zanzibar
Sa/Su:10kW:DS
USA
+KVOH-VOICE OF HOPE Rancho Simi, Ca
50kW:PLANNED 1986:CA/NA
USSR
RADIO MOSCOW/RP&P Krasnodar
120kW:(D):ME
YEMEN (PDR)
"VO PALESTINE" Via Yemen BC Svc
100kW:PLO:ME
PDR YEMEN BC SVC Aden
100kW:DS
(con'd)
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

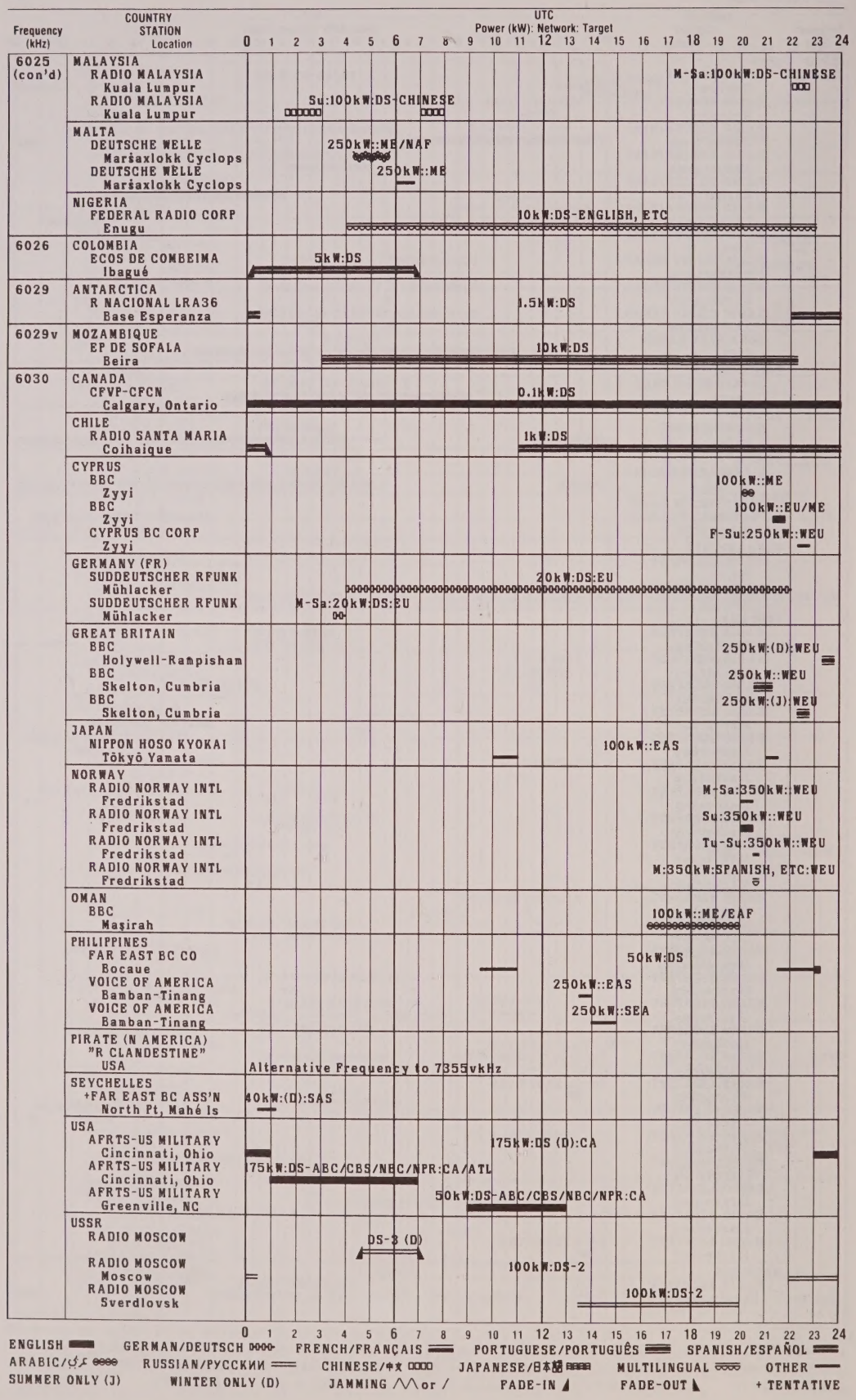

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6005 (con'd)
YEMEN (PDR)
PDR YEMEN BC SVC
Aden
F:100kW:DS
6006
COSTA RICA
RADIO RELOJ
San José
3kW:DS
6008v
MEXICO
RADIO MIL
México City
Irr::5kW:DS
6009
CLANDESTINE (AFRICA)
"RADIO BARDAI"
Via Libyan Radio
"RADIO BARDAI"
Via Libyan Radio
500kW:ANTI-CHAD:CAF
Irr::500kW:ANTI-CHAD:CAF
6010
BRAZIL
RADIO APARECIDA
Aparecida
7.5kW:DS
CYPRUS
BBC
Zyyi
250kW::EU/ME
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EU
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
RADIO BERLIN INTL
Königswusterhausen
50kW::SA
50/100kW:(D):NA/CA
GREAT BRITAIN
BBC
Holywell-Rampisham
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
100kW:(D):WUSSR
250kW:(D):EU
250kW:WS:EU/NAF
INDIA
ALL INDIA RADIO
Calcutta
ALL INDIA RADIO
Calcutta
10kW:DS
Irr::10kW:DS
SINGAPORE
BBC
Kranji
BBC
Kranji
100kW::EAS
100kW::SAS
SOUTH AFRICA
RADIO RSA
Meyerton
250kW::NA
USSR
RADIO MINSK
Nikolayev
RADIO MOSCOW
Moscow
RADIO MOSCOW
Moscow
RADIO MOSCOW
Novosibirsk
RADIO MOSCOW/RP&P
Nikolayev
500kW:(D):EU
50kW:DS-2
50kW:DS-1
100kW:DS-3
500kW:(D):EU
6010v
PERU
RADIO AMERICA
Lima
Irr::2.5kW:DS
VENEZUELA
RADIO LOS ANDES
Mérida
Irr::1kW:DS
6012
ANTARCTICA
AFAN-US MILITARY
McMurdo Base
1kW:DS
6014.6
PARAGUAY
EMISORAS PARAGUAY
Asunción
0.3kW:DS
6014.7
NICARAGUA
CONTACT 620
Managua
LV DE NICARAGUA
Managua
LV DE NICARAGUA
Managua
Irr:M-Sa:50kW:DS:CA/NA
Irr::50kW::CA/NA
Irr:M-Sa:50kW::CA/NA
6015
CANADA
+RADIO CANADA INTL
Sackville, NB
250kW:(D):WUSSR
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
50kW:TAIWAN-1
GREAT BRITAIN
BBC
Holywell-Rampisham
(con'd)
500kW::WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

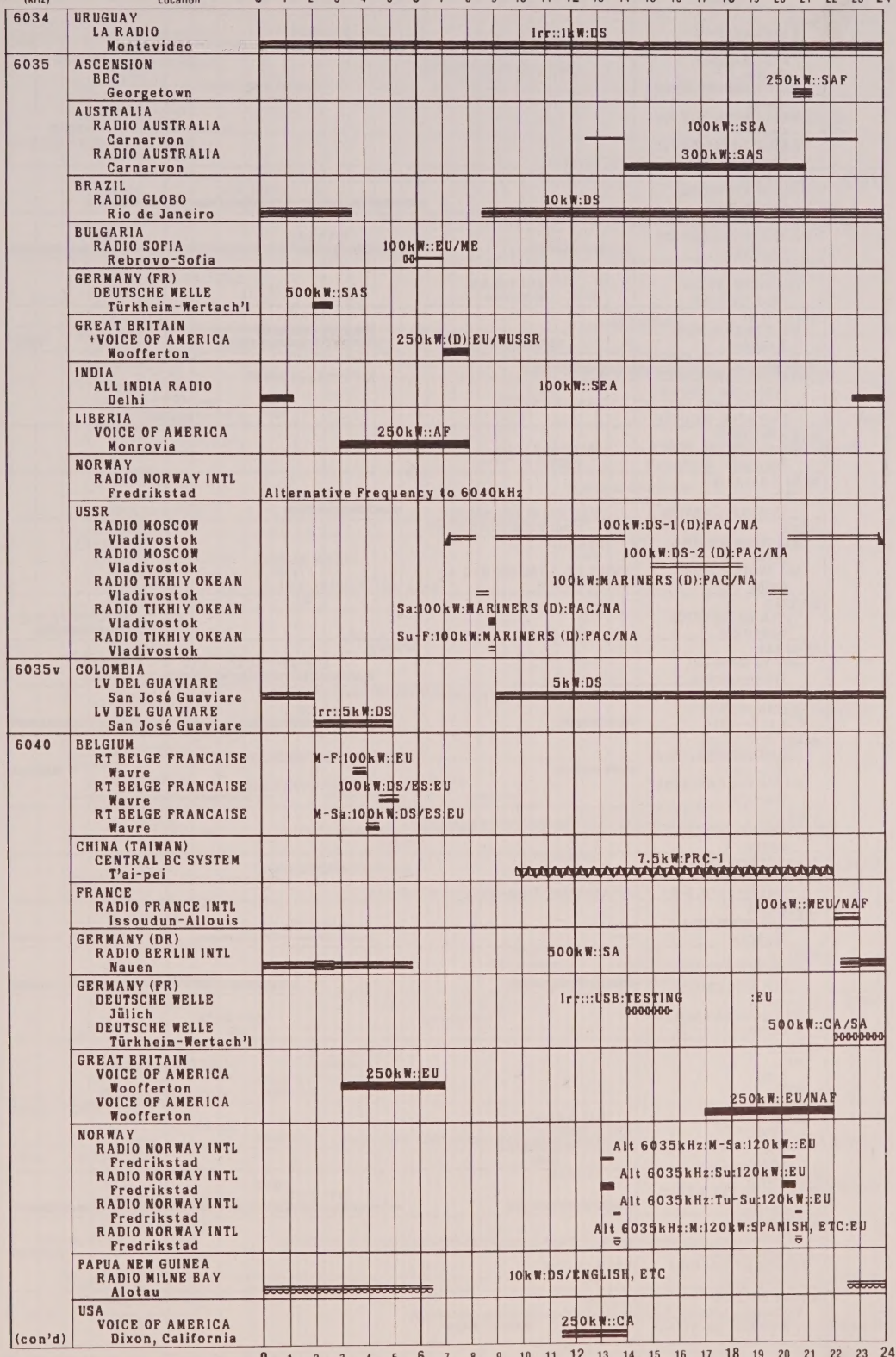
Frequency (kHz)	COUNTRY STATION Location	UTC 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 — Power (kW): Network: Target
6015 (con'd)	GREAT BRITAIN BBC Skelton, Cumbria	100kW::WS;EU
	GREECE VOICE OF AMERICA Kaválla	250kW::SAS/ME
	VOICE OF AMERICA Kaválla	250kW:(D):SAS/ME
	KOREA (REPUBLIC) RADIO KOREA Suwŏn	50kW:DS
	PHILIPPINES VOICE OF AMERICA Bamban-Tinang	250kW::SEA
	VOICE OF AMERICA Bamban-Tinang	250kW:(D):SEA
	USA +VOICE OF AMERICA Dixon, California	250kW:(D):CA/SA
	USSR RADIO MOSCOW Minsk	100kW:DS-2
	VATICAN STATE VATICAN RADIO Sta Maria Galeria	100kW::SA
	VATICAN RADIO Sta Maria Galeria	500kW::NA
	VATICAN RADIO Sta Maria Galeria	100kW::AS/ANZ
6016v	DOMINICAN REPUBLIC RADIO SANTIAGO Santiago	1rr::1kW:DS
6020	ASCENSION BBC Georgetown	250kW::EAF
	BRAZIL RADIO UNIVERSO Curitiba	7.5kW:DS
	CHILE R DIEGO PORTALES Santiago	1rr::1kW:DS
	GERMANY (FR) DEUTSCHE WELLE Türkheim-Wertach'l	500kW::EEU
	GREAT BRITAIN +VOICE OF AMERICA Woofferton	250kW:(D):WUSSR
	HOLLAND RADIO NEDERLAND Flevoland	500kW::CA
	RADIO NEDERLAND Flevoland	500kW::SA
	RADIO NEDERLAND Flevoland	500kW::ENA
	RADIO NEDERLAND Flevoland	500kW::EU
	RADIO NEDERLAND Flevoland	500kW::NAF
	INDIA ALL INDIA RADIO Simla	2.5kW:DS
	MADAGASCAR RADIO NEDERLAND Antananarivo	300kW::SAF
	NETHERLANDS ANTILLES RADIO NEDERLAND Bonaire	300kW::CA
	PAPUA NEW GUINEA R NORTH SOLOMONS Kieta	10kW:DS-ENGLISH, ETC
	PERU RADIO VICTORIA Lima	1rr::5kW:DS
	SPAIN R EXTERIOR ESPANA Arganda	100kW::NAF
	R EXTERIOR ESPANA Arganda	100kW:(D):EU
	USA VOICE OF AMERICA Greenville, NC	250kW::WAF
	VOICE OF AMERICA Greenville, NC	250kW::EU
	VOICE OF AMERICA Greenville, NC	M-Sa:250kW::WAF
(con'd)	USSR RADIO KIEV Kiev	50kW:(D):WEU

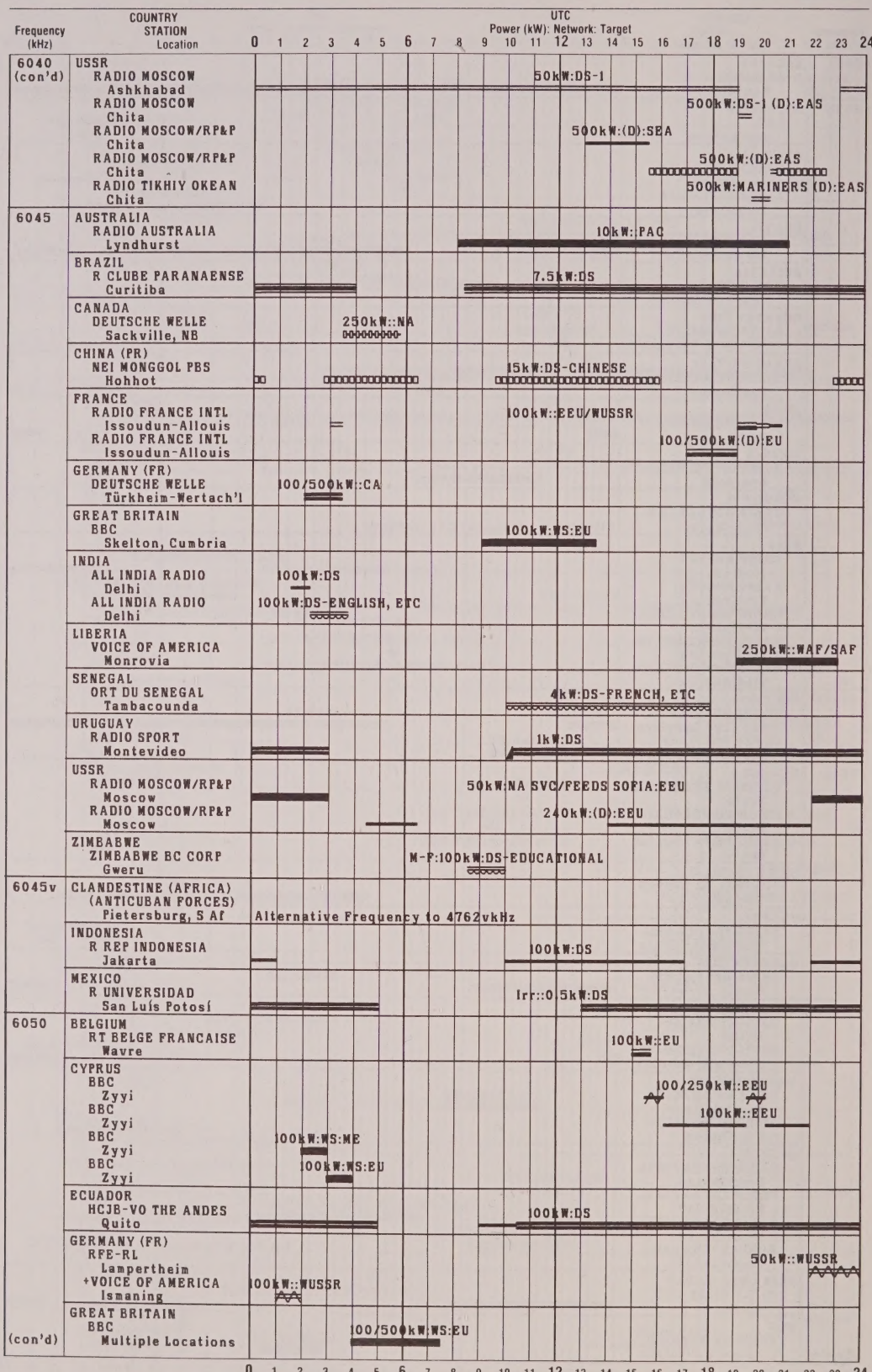
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

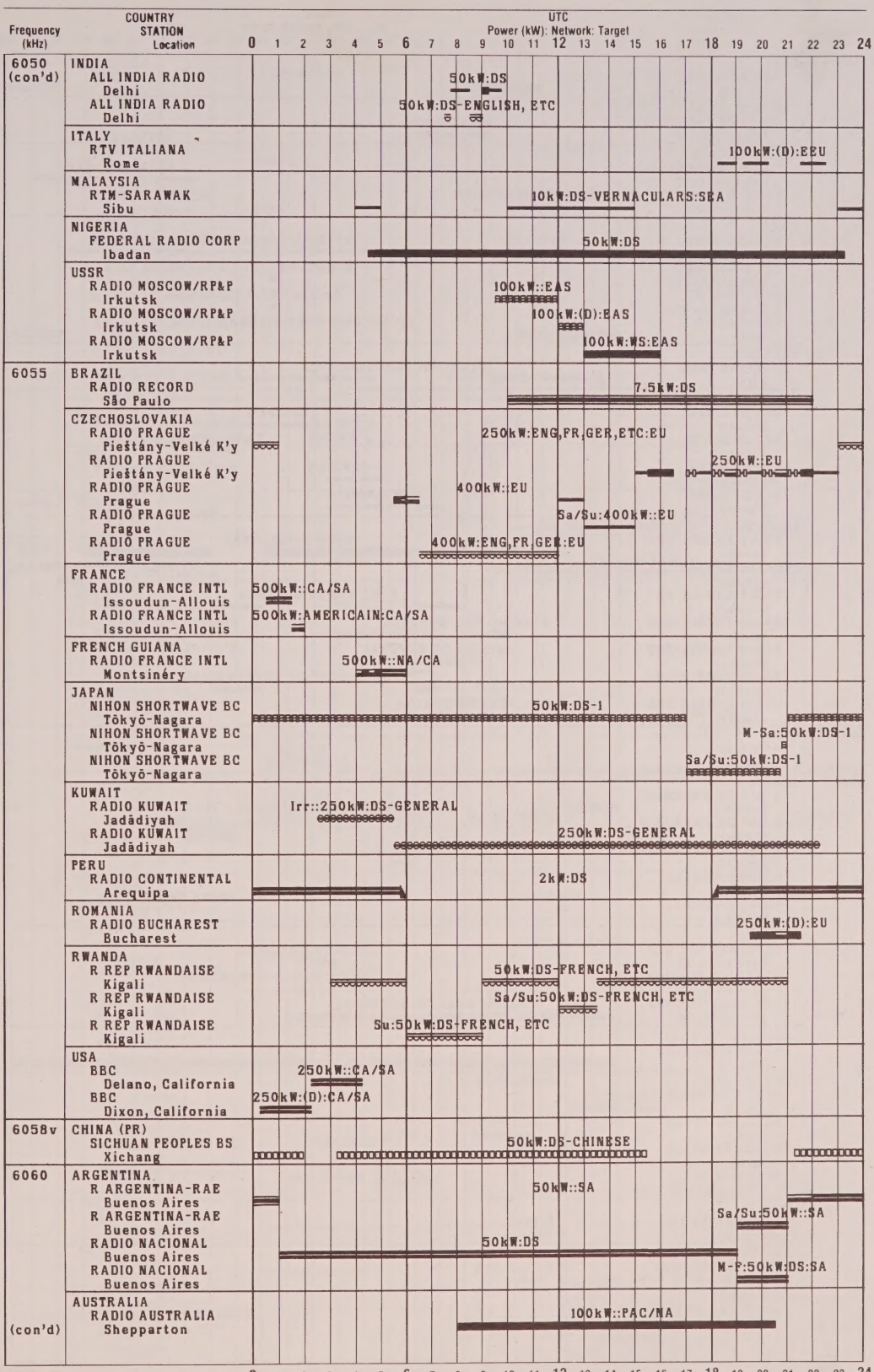
ENGLISH ▬ GERMAN/DEUTSCH ▭ FRENCH/FRANÇAIS ═ PORTUGUESE/PORTUGUÊS ═ SPANISH/ESPAÑOL ═
ARABIC/عربي ▭ RUSSIAN/РУССКИЙ ═ CHINESE/中文 ▭ JAPANESE/日本語 ▭ MULTILINGUAL ▭ OTHER —
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋀ or / FADE-IN ◢ FADE-OUT ◣ + TENTATIVE

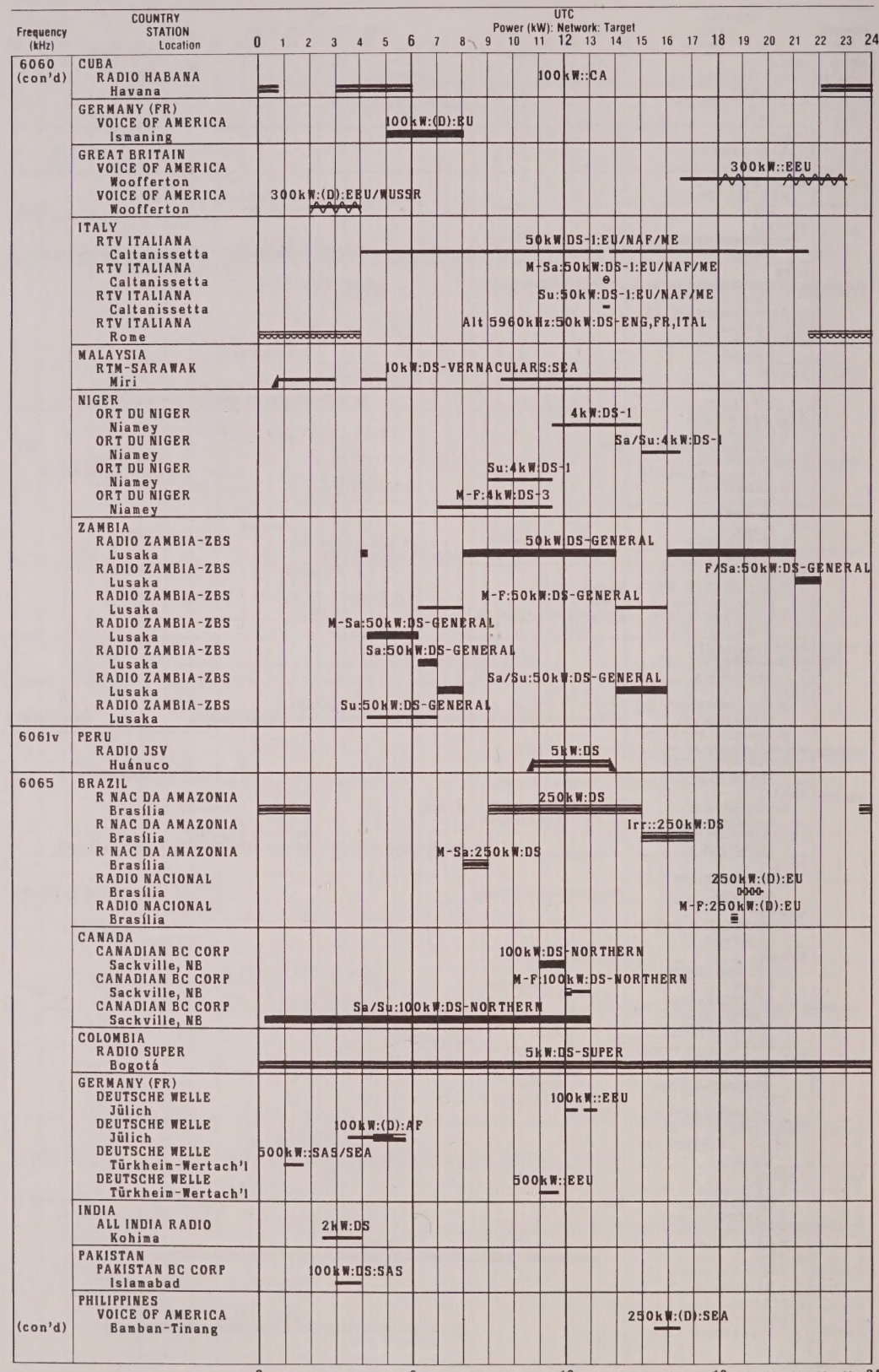

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6020 (con'd)
USSR
RADIO MOSCOW Moscow
100kW:DS-2 (D)
RADIO MOSCOW Moscow
100kW:DS-1 (D)
RADIO MOSCOW/RP&P Khabarovsk
50kW:N AMERICAN (D):EAS/PAC
RADIO MOSCOW/RP&P Khabarovsk
50kW:(D):EAS/PAC
RADIO MOSCOW/RP&P Khabarovsk
50kW:WS:EAS/PAC
RADIO MOSCOW/RP&P Khabarovsk
50kW:WS (D):EAS/PAC
RADIO MOSCOW/RP&P Kiev
50kW:(D):WEU
RADIO TIKHIY OKEAN Khabarovsk
50kW:MARINERS (D):EAS/PAC
RADIO TIKHIY OKEAN Khabarovsk
Sa:50kW:MARINERS (D):EAS/PAC
RADIO TIKHIY OKEAN Khabarovsk
Su-F:50kW:MARINERS (D):EAS/PAC
UKRAINIAN RADIO Kiev
50kW:DS
ZIMBABWE
ZIMBABWE BC CORP Gweru
20/100kW:DS-ENGLISH
6025
BOLIVIA
RADIO ILLIMANI La Paz
10kW:DS
BRAZIL
R EDUCADORA BAHIA Salvador
10kW:DS
CLANDESTINE (M EAST)
"NATIONAL VO IRAN" Baku, USSR
50kW:PRO-TUDEH PARTY:ME
GERMANY (FR)
+DEUTSCHE WELLE Jülich
100kW:(D):EEU
VOICE OF AMERICA Ismaning
100kW::WUSSR
HUNGARY
RADIO BUDAPEST Jászberény
250kW::SA
RADIO BUDAPEST Jászberény
250kW::NA
RADIO BUDAPEST Jászberény
250kW::EU/NAF
RADIO BUDAPEST Jászberény
250kW::WEU
RADIO BUDAPEST Jászberény
250kW::WEU/NAF
RADIO BUDAPEST Jászberény
M:250kW::NA
RADIO BUDAPEST Jászberény
M:250kW::SA
RADIO BUDAPEST Jászberény
M-F:250kW::EU/NAF
RADIO BUDAPEST Jászberény
M-Sa:250kW::EU/NAF
RADIO BUDAPEST Jászberény
M/Th:250kW::EU/NAF
RADIO BUDAPEST Jászberény
M/W/Sa:250kW::NA
RADIO BUDAPEST Jászberény
Sa:250kW::EU/NAF
RADIO BUDAPEST Jászberény
Sa-M/W/Th:250kW::WEU
RADIO BUDAPEST Jászberény
Sa/Su:250kW::EU/NAF
RADIO BUDAPEST Jászberény
Su:250kW::EU/NAF
RADIO BUDAPEST Jászberény
Su-F:250kW::EU/NAF
RADIO BUDAPEST Jászberény
Th/F/Su-Tu:250kW::NA
RADIO BUDAPEST Jászberény
Tu-Su:250kW::NA
RADIO BUDAPEST Jászberény
Tu-Su:250kW::SA
RADIO BUDAPEST Jászberény
Tu/F:250kW::NA
RADIO BUDAPEST Jászberény
Tu/F:250kW::EU/NAF
RADIO BUDAPEST Jászberény
Tu/F:250kW::WEU
RADIO BUDAPEST Jászberény
W:250kW::EU/NAF
RADIO BUDAPEST Jászberény
W/Sa:250kW::NA
MALAYSIA
RADIO MALAYSIA Kuala Lumpur
(con'd)
100kW:DS-CHINESE
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

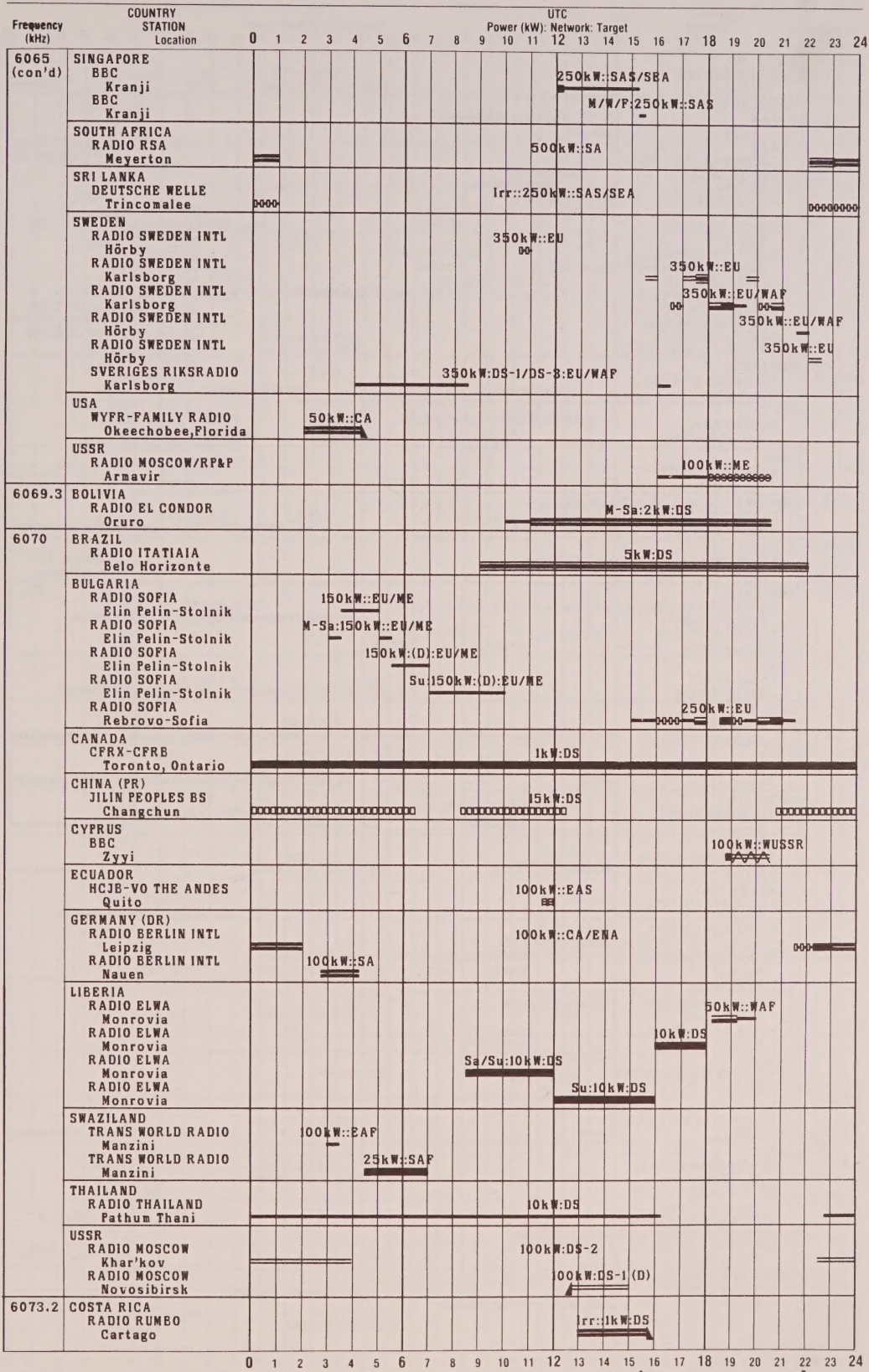

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6025 (con'd)
MALAYSIA
RADIO MALAYSIA
Kuala Lumpur
M-Sa:100kW:DS-CHINESE
RADIO MALAYSIA
Kuala Lumpur
Su:100kW:DS-CHINESE
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::ME/NAF
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::ME
NIGERIA
FEDERAL RADIO CORP
Enugu
10kW:DS-ENGLISH, ETC
6026
COLOMBIA
ECOS DE COMBEIMA
Ibagué
5kW:DS
6029
ANTARCTICA
R NACIONAL LRA36
Base Esperanza
1.5kW:DS
6029v
MOZAMBIQUE
EP DE SOFALA
Beira
10kW:DS
6030
CANADA
CFVP-CFCN
Calgary, Ontario
0.1kW:DS
CHILE
RADIO SANTA MARIA
Coihaique
1kW:DS
CYPRUS
BBC
Zyyi
100kW::ME
BBC
Zyyi
100kW::EU/ME
CYPRUS BC CORP
Zyyi
F-Su:250kW::WEU
GERMANY (FR)
SUDDEUTSCHER RFUNK
Mühlacker
20kW:DS:EU
SUDDEUTSCHER RFUNK
Mühlacker
M-Sa:20kW:DS:EU
GREAT BRITAIN
BBC
Holywell-Rampisham
250kW:(D):WEU
BBC
Skelton, Cumbria
250kW::WEU
BBC
Skelton, Cumbria
250kW:(J):WEU
JAPAN
NIPPON HOSO KYOKAI
Tōkyō Yamata
100kW::EAS
NORWAY
RADIO NORWAY INTL
Fredrikstad
M-Sa:350kW::WEU
RADIO NORWAY INTL
Fredrikstad
Su:350kW::WEU
RADIO NORWAY INTL
Fredrikstad
Tu-Su:350kW::WEU
RADIO NORWAY INTL
Fredrikstad
M:350kW:SPANISH, ETC:WEU
OMAN
BBC
Maşirah
100kW::ME/EAF
PHILIPPINES
FAR EAST BC CO
Bocaue
50kW:DS
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
PIRATE (N AMERICA)
"R CLANDESTINE"
USA
Alternative Frequency to 7355vkHz
SEYCHELLES
+FAR EAST BC ASS'N
North Pt, Mahé Is
40kW:(D):SAS
USA
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS (D):CA
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS-ABC/CBS/NBC/NPR:CA/ATL
AFRTS-US MILITARY
Greenville, NC
50kW:DS-ABC/CBS/NBC/NPR:CA
USSR
RADIO MOSCOW
DS-3 (D)
RADIO MOSCOW
Moscow
100kW:DS-2
RADIO MOSCOW
Sverdlovsk
100kW:DS-2
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6034
URUGUAY
LA RADIO
Montevideo
Irr::1kW:DS
6035
ASCENSION
BBC
Georgetown
250kW::SAF
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
100kW::SEA
RADIO AUSTRALIA
Carnarvon
300kW::SAS
BRAZIL
RADIO GLOBO
Rio de Janeiro
10kW:DS
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
100kW::EU/ME
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::SAS
GREAT BRITAIN
+VOICE OF AMERICA
Woofferton
250kW:(D):EU/WUSSR
INDIA
ALL INDIA RADIO
Delhi
100kW::SEA
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::AF
NORWAY
RADIO NORWAY INTL
Fredrikstad
Alternative Frequency to 6040kHz
USSR
RADIO MOSCOW
Vladivostok
100kW:DS-1 (D):PAC/NA
RADIO MOSCOW
Vladivostok
100kW:DS-2 (D):PAC/NA
RADIO TIKHIY OKEAN
Vladivostok
100kW:MARINERS (D):PAC/NA
RADIO TIKHIY OKEAN
Vladivostok
Sa:100kW:MARINERS (D):PAC/NA
RADIO TIKHIY OKEAN
Vladivostok
Su-F:100kW:MARINERS (D):PAC/NA
6035v
COLOMBIA
LV DEL GUAVIARE
San José Guaviare
5kW:DS
LV DEL GUAVIARE
San José Guaviare
Irr::5kW:DS
6040
BELGIUM
RT BELGE FRANCAISE
Wavre
M-F:100kW::EU
RT BELGE FRANCAISE
Wavre
100kW:DS/ES:EU
RT BELGE FRANCAISE
Wavre
M-Sa:100kW:DS/ES:EU
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
7.5kW:PRC-1
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NEU/NAF
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::SA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
Irr:::USB:TESTING
:EU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::CA/SA
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW::EU
VOICE OF AMERICA
Woofferton
250kW::EU/NAF
NORWAY
RADIO NORWAY INTL
Fredrikstad
Alt 6035kHz:M-Sa:120kW::EU
RADIO NORWAY INTL
Fredrikstad
Alt 6035kHz:Su:120kW::EU
RADIO NORWAY INTL
Fredrikstad
Alt 6035kHz:Tu-Su:120kW::EU
RADIO NORWAY INTL
Fredrikstad
Alt 6035kHz:M:120kW:SPANISH, ETC:EU
PAPUA NEW GUINEA
RADIO MILNE BAY
Alotau
10kW:DS/ENGLISH, ETC
USA
VOICE OF AMERICA
Dixon, California
(con'd)
250kW::CA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6040 (con'd)
USSR
RADIO MOSCOW Ashkhabad
50kW:DS-1
RADIO MOSCOW Chita
500kW:DS-1 (D):EAS
RADIO MOSCOW/RP&P Chita
500kW:(D):SEA
RADIO MOSCOW/RP&P Chita
500kW:(D):EAS
RADIO TIKHIY OKEAN Chita
500kW:MARINERS (D):EAS
6045
AUSTRALIA
RADIO AUSTRALIA Lyndhurst
10kW::PAC
BRAZIL
R CLUBE PARANAENSE Curitiba
7.5kW:DS
CANADA
DEUTSCHE WELLE Sackville, NB
250kW::NA
CHINA (PR)
NEI MONGGOL PBS Hohhot
15kW:DS-CHINESE
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100kW::EEU/WUSSR
RADIO FRANCE INTL Issoudun-Allouis
100/500kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE Türkheim-Wertach'l
100/500kW::CA
GREAT BRITAIN
BBC Skelton, Cumbria
100kW:WS:EU
INDIA
ALL INDIA RADIO Delhi
100kW:DS
ALL INDIA RADIO Delhi
100kW:DS-ENGLISH, ETC
LIBERIA
VOICE OF AMERICA Monrovia
250kW::WAF/SAF
SENEGAL
ORT DU SENEGAL Tambacounda
4kW:DS-FRENCH, ETC
URUGUAY
RADIO SPORT Montevideo
1kW:DS
USSR
RADIO MOSCOW/RP&P Moscow
50kW:NA SVC/FEEDS SOFIA:EEU
RADIO MOSCOW/RP&P Moscow
240kW:(D):EEU
ZIMBABWE
ZIMBABWE BC CORP Gweru
M-F:100kW:DS-EDUCATIONAL
6045v
CLANDESTINE (AFRICA) (ANTICUBAN FORCES) Pietersburg, S Af
Alternative Frequency to 4762vkHz
INDONESIA
R REP INDONESIA Jakarta
100kW:DS
MEXICO
R UNIVERSIDAD San Luis Potosí
Irr::0.5kW:DS
6050
BELGIUM
RT BELGE FRANCAISE Wavre
100kW::EU
CYPRUS
BBC Zyyi
100/250kW::EEU
BBC Zyyi
100kW::EEU
BBC Zyyi
100kW:WS:ME
BBC Zyyi
100kW:WS:EU
ECUADOR
HCJB-VO THE ANDES Quito
100kW:DS
GERMANY (FR)
RFE-RL Lampertheim
50kW::WUSSR
+VOICE OF AMERICA Ismaning
100kW::WUSSR
GREAT BRITAIN
BBC
(con'd)
Multiple Locations
100/500kW:WS:EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6050 (con'd)
INDIA
ALL INDIA RADIO Delhi
50kW:DS
ALL INDIA RADIO Delhi
50kW:DS-ENGLISH, ETC
ITALY
RTV ITALIANA Rome
100kW:(D):EEU
MALAYSIA
RTM-SARAWAK Sibu
10kW:DS-VERNACULARS:SEA
NIGERIA
FEDERAL RADIO CORP Ibadan
50kW:DS
USSR
RADIO MOSCOW/RP&P Irkutsk
100kW::EAS
RADIO MOSCOW/RP&P Irkutsk
100kW:(D):EAS
RADIO MOSCOW/RP&P Irkutsk
100kW:WS:EAS
6055
BRAZIL
RADIO RECORD São Paulo
7.5kW:DS
CZECHOSLOVAKIA
RADIO PRAGUE Pieštány-Velké K'y
250kW:ENG,FR,GER,ETC:EU
RADIO PRAGUE Pieštány-Velké K'y
250kW::EU
RADIO PRAGUE Prague
400kW::EU
RADIO PRAGUE Prague
Sa/Su:400kW::EU
RADIO PRAGUE Prague
400kW:ENG,FR,GER:EU
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
500kW::CA/SA
RADIO FRANCE INTL Issoudun-Allouis
500kW:AMERICAIN:CA/SA
FRENCH GUIANA
RADIO FRANCE INTL Montsinéry
500kW::NA/CA
JAPAN
NIHON SHORTWAVE BC Tōkyō-Nagara
50kW:DS-1
NIHON SHORTWAVE BC Tōkyō-Nagara
M-Sa:50kW:DS-1
NIHON SHORTWAVE BC Tōkyō-Nagara
Sa/Su:50kW:DS-1
KUWAIT
RADIO KUWAIT Jadâdiyah
Irr::250kW:DS-GENERAL
RADIO KUWAIT Jadâdiyah
250kW:DS-GENERAL
PERU
RADIO CONTINENTAL Arequipa
2kW:DS
ROMANIA
RADIO BUCHAREST Bucharest
250kW:(D):EU
RWANDA
R REP RWANDAISE Kigali
50kW:DS-FRENCH, ETC
R REP RWANDAISE Kigali
Sa/Su:50kW:DS-FRENCH, ETC
R REP RWANDAISE Kigali
Su:50kW:DS-FRENCH, ETC
USA
BBC Delano, California
250kW::CA/SA
BBC Dixon, California
250kW:(D):CA/SA
6058v
CHINA (PR)
SICHUAN PEOPLES BS Xichang
50kW:DS-CHINESE
6060
ARGENTINA
R ARGENTINA-RAE Buenos Aires
50kW::SA
R ARGENTINA-RAE Buenos Aires
Sa/Su:50kW::SA
RADIO NACIONAL Buenos Aires
50kW:DS
RADIO NACIONAL Buenos Aires
M-F:50kW:DS:SA
AUSTRALIA
RADIO AUSTRALIA Shepparton
(con'd)
100kW::PAC/NA
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6060 (con'd)
CUBA
RADIO HABANA Havana
100kW::CA
GERMANY (FR)
VOICE OF AMERICA Ismaning
100kW:(D):EU
GREAT BRITAIN
VOICE OF AMERICA Woofferton
300kW::EEU
VOICE OF AMERICA Woofferton
300kW:(D):EEU/WUSSR
ITALY
RTV ITALIANA Caltanissetta
50kW:DS-1:EU/NAF/ME
RTV ITALIANA Caltanissetta
M-Sa:50kW:DS-1:EU/NAF/ME
RTV ITALIANA Caltanissetta
Su:50kW:DS-1:EU/NAF/ME
RTV ITALIANA Rome
Alt 5960kHz:50kW:DS-ENG,FR,ITAL
MALAYSIA
RTM-SARAWAK Miri
10kW:DS-VERNACULARS:SEA
NIGER
ORT DU NIGER Niamey
4kW:DS-1
ORT DU NIGER Niamey
Sa/Su:4kW:DS-1
ORT DU NIGER Niamey
Su:4kW:DS-1
ORT DU NIGER Niamey
M-F:4kW:DS-3
ZAMBIA
RADIO ZAMBIA-ZBS Lusaka
50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
F/Sa:50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
M-F:50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
M-Sa:50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
Sa:50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
Sa/Su:50kW:DS-GENERAL
RADIO ZAMBIA-ZBS Lusaka
Su:50kW:DS-GENERAL
6061v
PERU
RADIO JSV Huánuco
5kW:DS
6065
BRAZIL
R NAC DA AMAZONIA Brasília
250kW:DS
R NAC DA AMAZONIA Brasília
Irr::250kW:DS
R NAC DA AMAZONIA Brasília
M-Sa:250kW:DS
RADIO NACIONAL Brasília
250kW:(D):EU
RADIO NACIONAL Brasília
M-F:250kW:(D):EU
CANADA
CANADIAN BC CORP Sackville, NB
100kW:DS-NORTHERN
CANADIAN BC CORP Sackville, NB
M-F:100kW:DS-NORTHERN
CANADIAN BC CORP Sackville, NB
Sa/Su:100kW:DS-NORTHERN
COLOMBIA
RADIO SUPER Bogotá
5kW:DS-SUPER
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW::EEU
DEUTSCHE WELLE Jülich
100kW:(D):AF
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::SAS/SEA
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::EEU
INDIA
ALL INDIA RADIO Kohima
2kW:DS
PAKISTAN
PAKISTAN BC CORP Islamabad
100kW:DS:SAS
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW:(D):SEA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6065 (con'd)
SINGAPORE
BBC
Kranji
250kW::SAS/SEA
BBC
Kranji
M/W/F:250kW::SAS
SOUTH AFRICA
RADIO RSA
Meyerton
500kW::SA
SRI LANKA
DEUTSCHE WELLE
Trincomalee
Irr::250kW::SAS/SEA
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::EU
RADIO SWEDEN INTL
Karlsborg
350kW::EU
RADIO SWEDEN INTL
Karlsborg
350kW::EU/WAF
RADIO SWEDEN INTL
Hörby
350kW::EU/WAF
RADIO SWEDEN INTL
Hörby
350kW::EU
SVERIGES RIKSRADIO
Karlsborg
350kW:DS-1/DS-3:EU/WAF
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
50kW::CA
USSR
RADIO MOSCOW/RP&P
Armavir
100kW::ME
6069.3
BOLIVIA
RADIO EL CONDOR
Oruro
M-Sa:2kW:DS
6070
BRAZIL
RADIO ITATIAIA
Belo Horizonte
5kW:DS
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::EU/ME
RADIO SOFIA
Elin Pelin-Stolnik
M-Sa:150kW::EU/ME
RADIO SOFIA
Elin Pelin-Stolnik
150kW:(D):EU/ME
RADIO SOFIA
Elin Pelin-Stolnik
Su:150kW:(D):EU/ME
RADIO SOFIA
Rebrovo-Sofia
250kW::EU
CANADA
CFRX-CFRB
Toronto, Ontario
1kW:DS
CHINA (PR)
JILIN PEOPLES BS
Changchun
15kW:DS
CYPRUS
BBC
Zyyi
100kW::WUSSR
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::EAS
GERMANY (DR)
RADIO BERLIN INTL
Leipzig
100kW::CA/ENA
RADIO BERLIN INTL
Nauen
100kW::SA
LIBERIA
RADIO ELWA
Monrovia
50kW::WAF
RADIO ELWA
Monrovia
10kW:DS
RADIO ELWA
Monrovia
Sa/Su:10kW:DS
RADIO ELWA
Monrovia
Su:10kW:DS
SWAZILAND
TRANS WORLD RADIO
Manzini
100kW::EAF
TRANS WORLD RADIO
Manzini
25kW::SAF
THAILAND
RADIO THAILAND
Pathum Thani
10kW:DS
USSR
RADIO MOSCOW
Khar'kov
100kW:DS-2
RADIO MOSCOW
Novosibirsk
100kW:DS-1 (D)
6073.2
COSTA RICA
RADIO RUMBO
Cartago
Irr::1kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
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MULTILINGUAL
OTHER
SUMMER ONLY (J)
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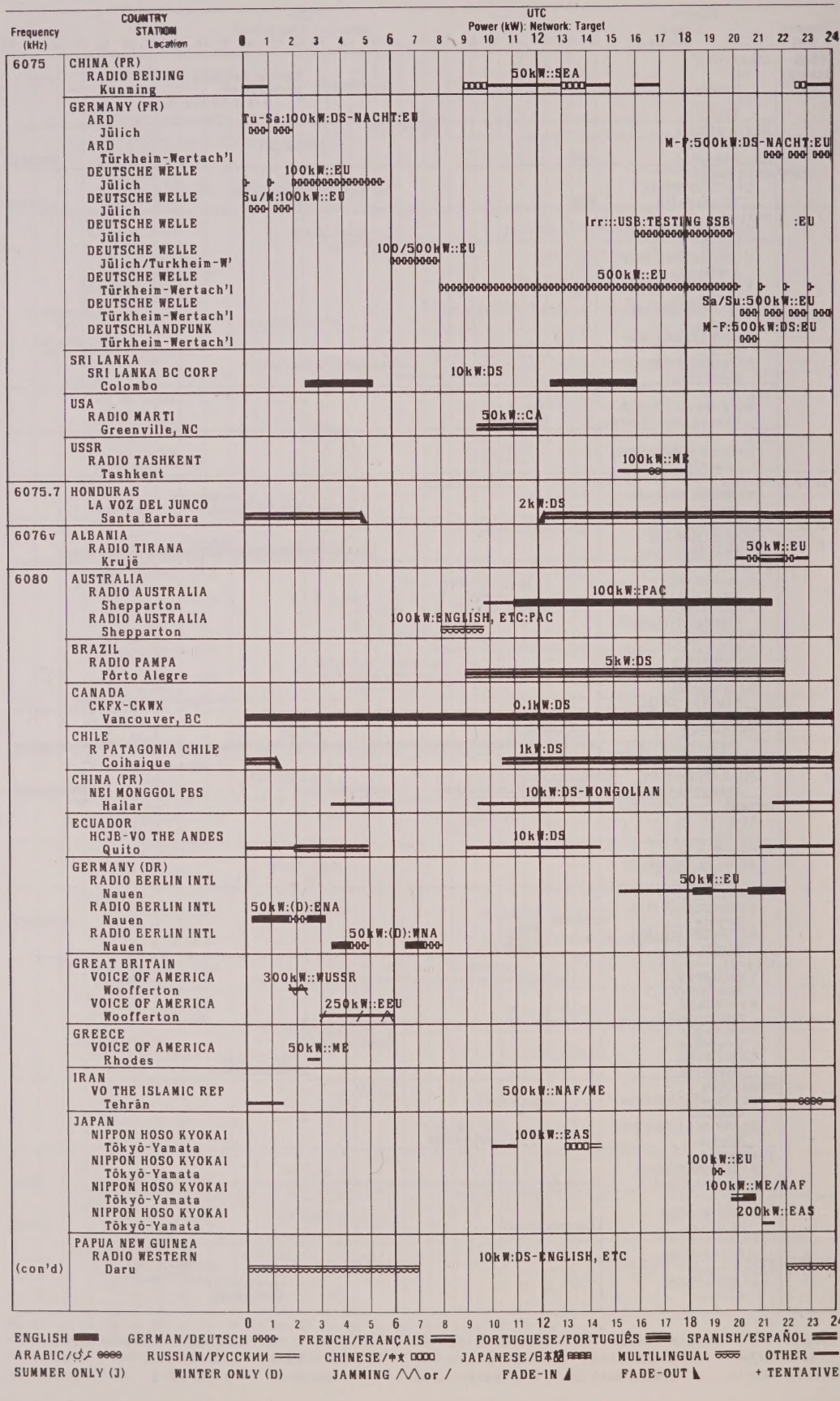
JAMMING
or /
FADE-IN
FADE-OUT
' + TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6075
CHINA (PR)
RADIO BEIJING
Kunming
50kW::SEA
GERMANY (FR)
ARD
Jülich
Tu-Sa:100kW:DS-NACHT:EU
ARD
Türkheim-Wertach'l
M-F:500kW:DS-NACHT:EU
DEUTSCHE WELLE
Jülich
100kW::EU
DEUTSCHE WELLE
Jülich
Su/M:100kW::EU
DEUTSCHE WELLE
Jülich
Irr:::USB:TESTING SSB :EU
DEUTSCHE WELLE
Jülich/Turkheim-W'
100/500kW::EU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EU
DEUTSCHE WELLE
Türkheim-Wertach'l
Sa/Su:500kW::EU
DEUTSCHLANDFUNK
Türkheim-Wertach'l
M-F:500kW:DS:EU
SRI LANKA
SRI LANKA BC CORP
Colombo
10kW:DS
USA
RADIO MARTI
Greenville, NC
50kW::CA
USSR
RADIO TASHKENT
Tashkent
100kW::ME
6075.7
HONDURAS
LA VOZ DEL JUNCO
Santa Barbara
2kW:DS
6076v
ALBANIA
RADIO TIRANA
Krujë
50kW::EU
6080
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::PAC
RADIO AUSTRALIA
Shepparton
100kW:ENGLISH, ETC:PAC
BRAZIL
RADIO PAMPA
Pôrto Alegre
5kW:DS
CANADA
CKFX-CKWX
Vancouver, BC
0.1kW:DS
CHILE
R PATAGONIA CHILE
Coihaique
1kW:DS
CHINA (PR)
NEI MONGGOL PBS
Hailar
10kW:DS-MONGOLIAN
ECUADOR
HCJB-VO THE ANDES
Quito
10kW:DS
GERMANY (DR)
RADIO BERLIN INTL
Nauen
50kW::EU
RADIO BERLIN INTL
Nauen
50kW:(D):ENA
RADIO BERLIN INTL
Nauen
50kW:(D):WNA
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW::WUSSR
VOICE OF AMERICA
Woofferton
250kW::EEU
GREECE
VOICE OF AMERICA
Rhodes
50kW::ME
IRAN
VO THE ISLAMIC REP
Tehrān
500kW::NAF/ME
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::EAS
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::EU
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::ME/NAF
NIPPON HOSO KYOKAI
Tōkyō-Yamata
200kW::EAS
PAPUA NEW GUINEA
RADIO WESTERN
Daru
(con'd)
10kW:DS-ENGLISH, ETC
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/日本
MULTILINGUAL
OTHER
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JAMMING or /
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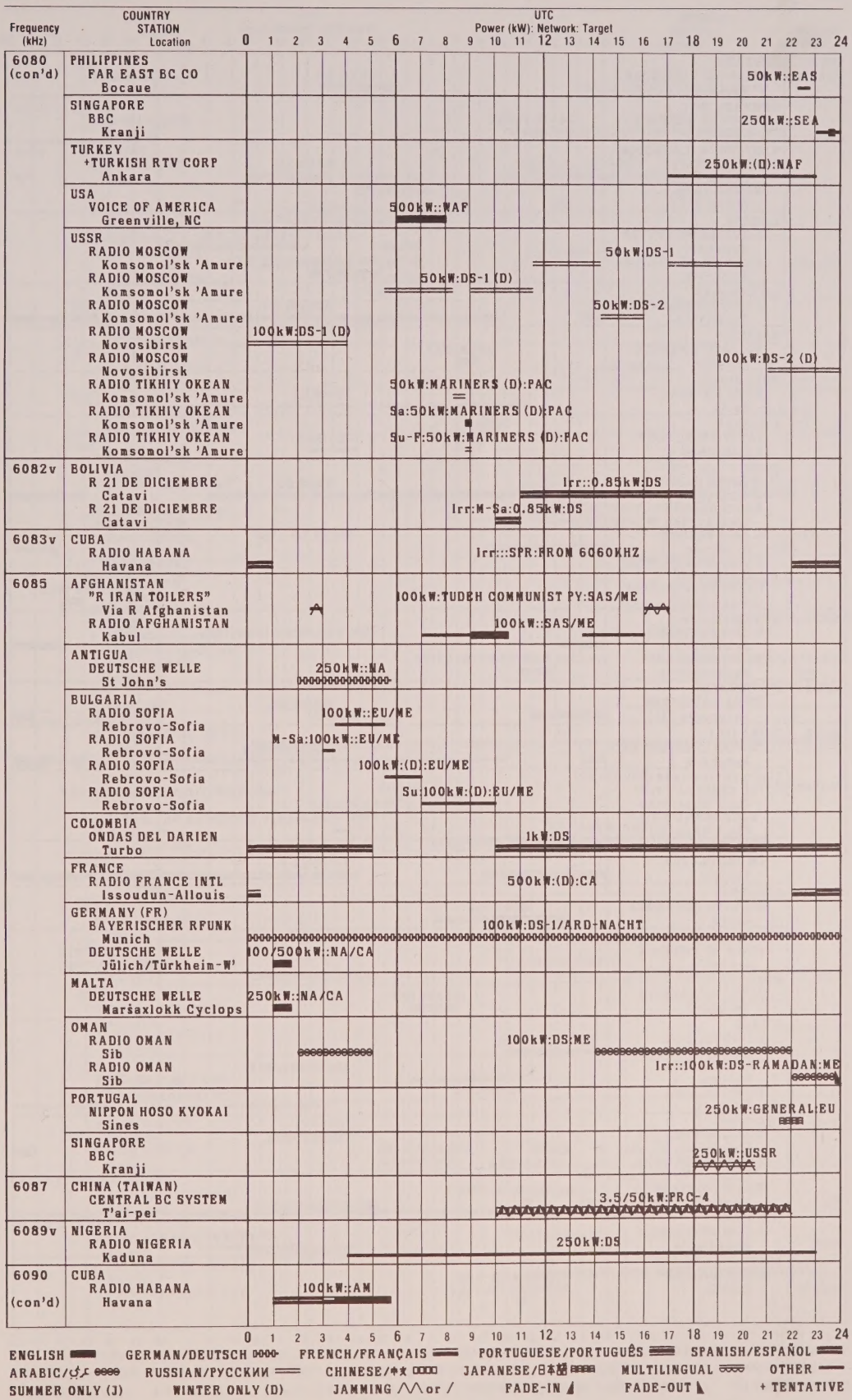
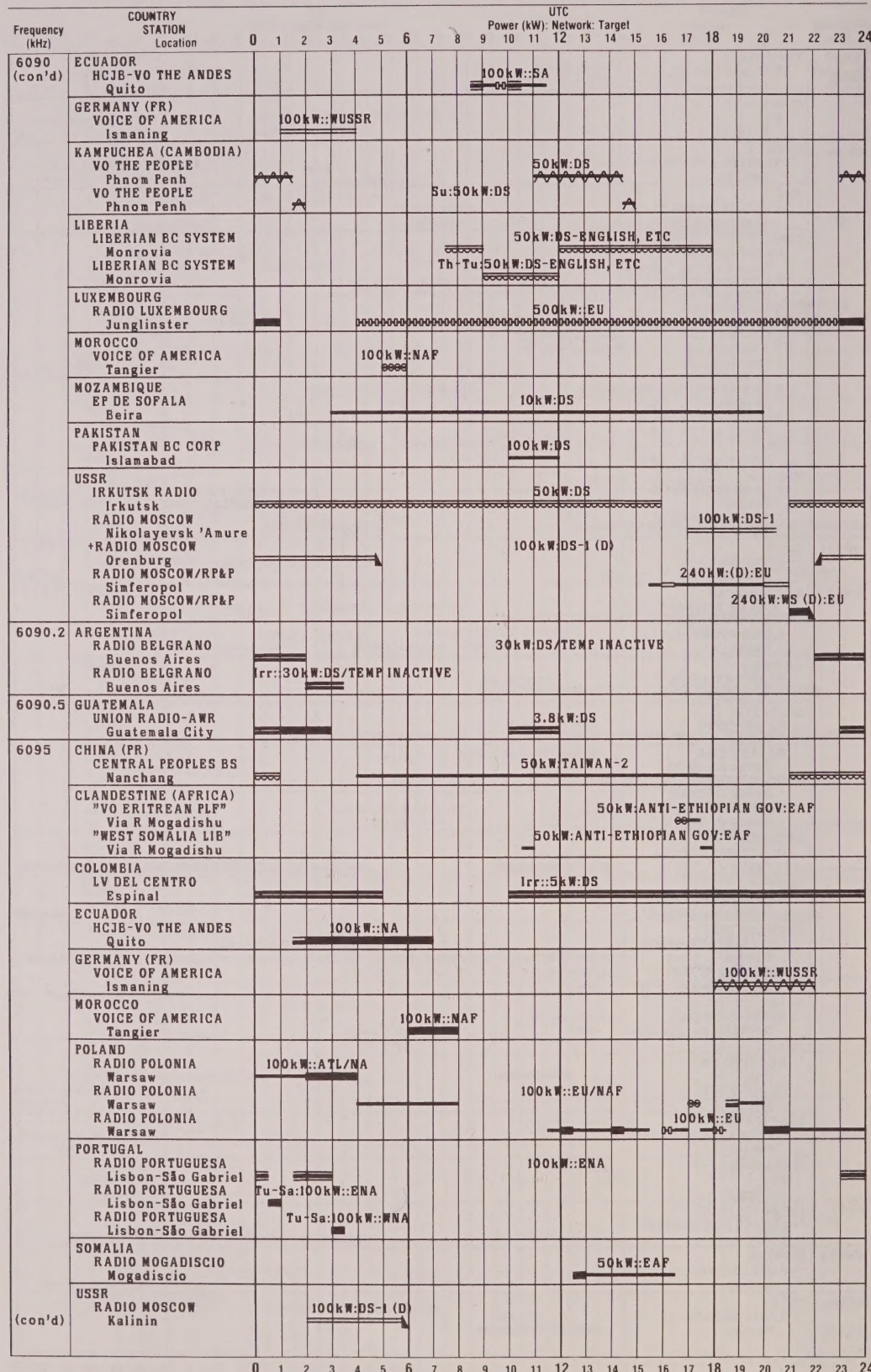
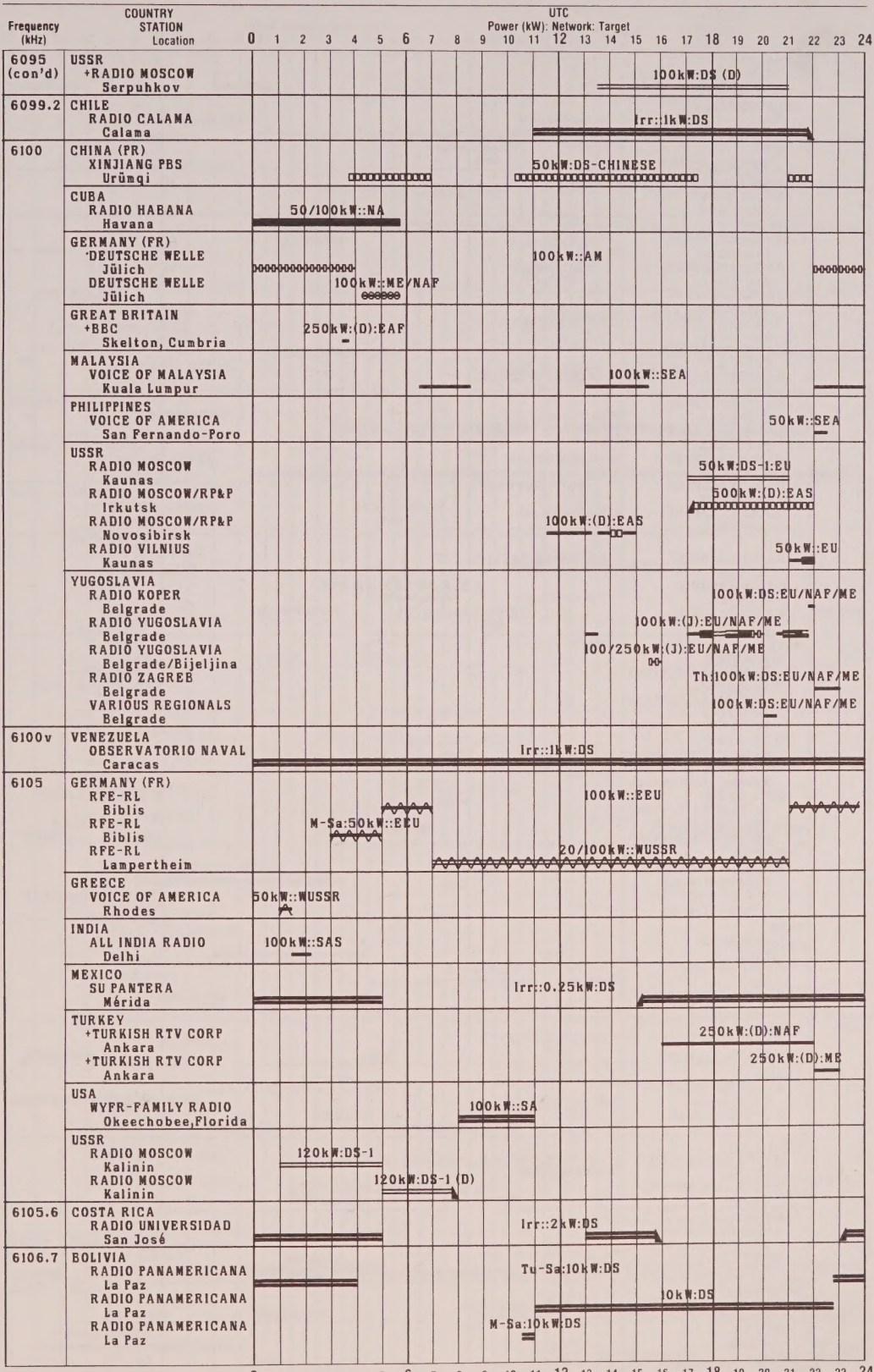
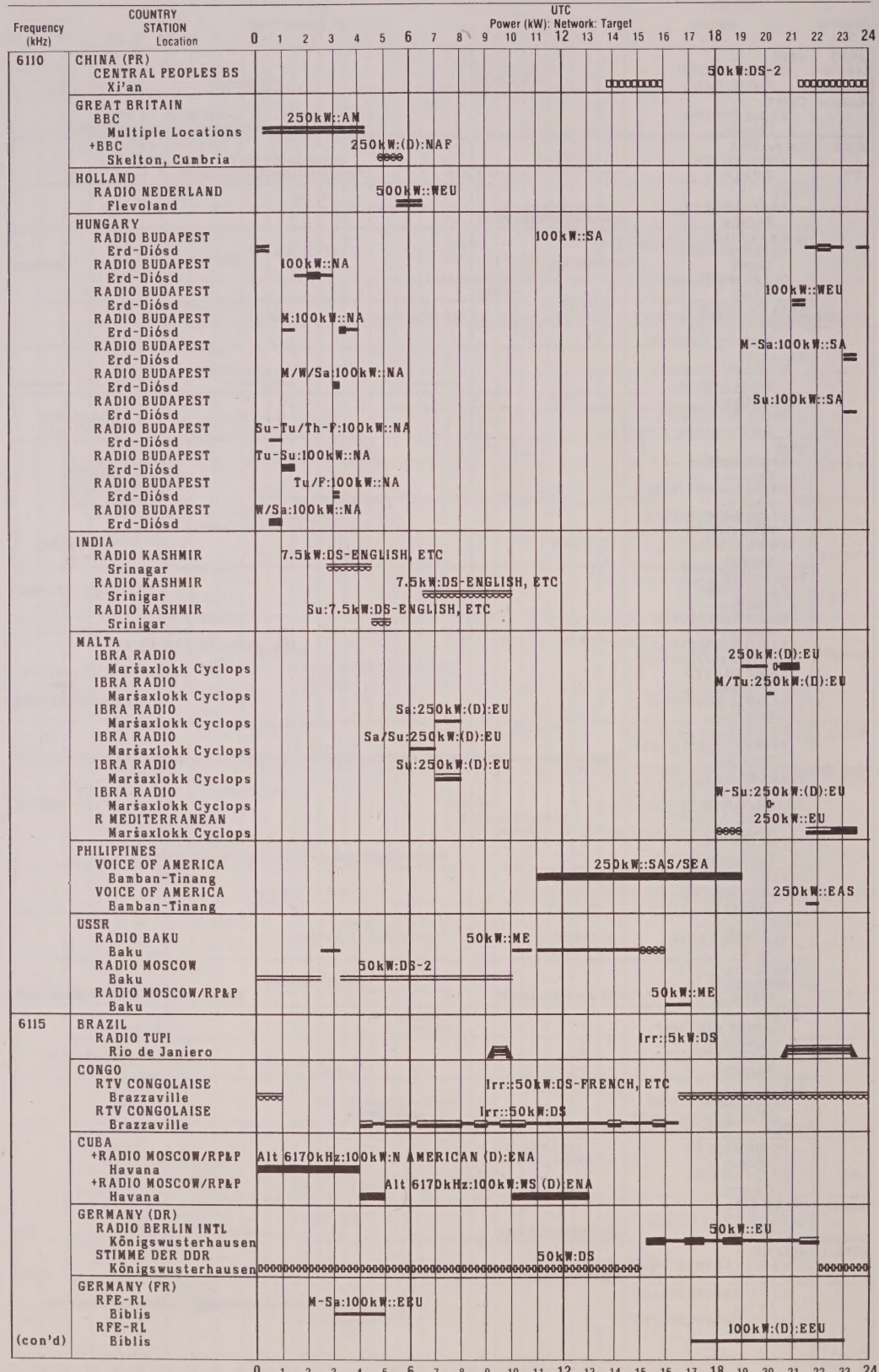
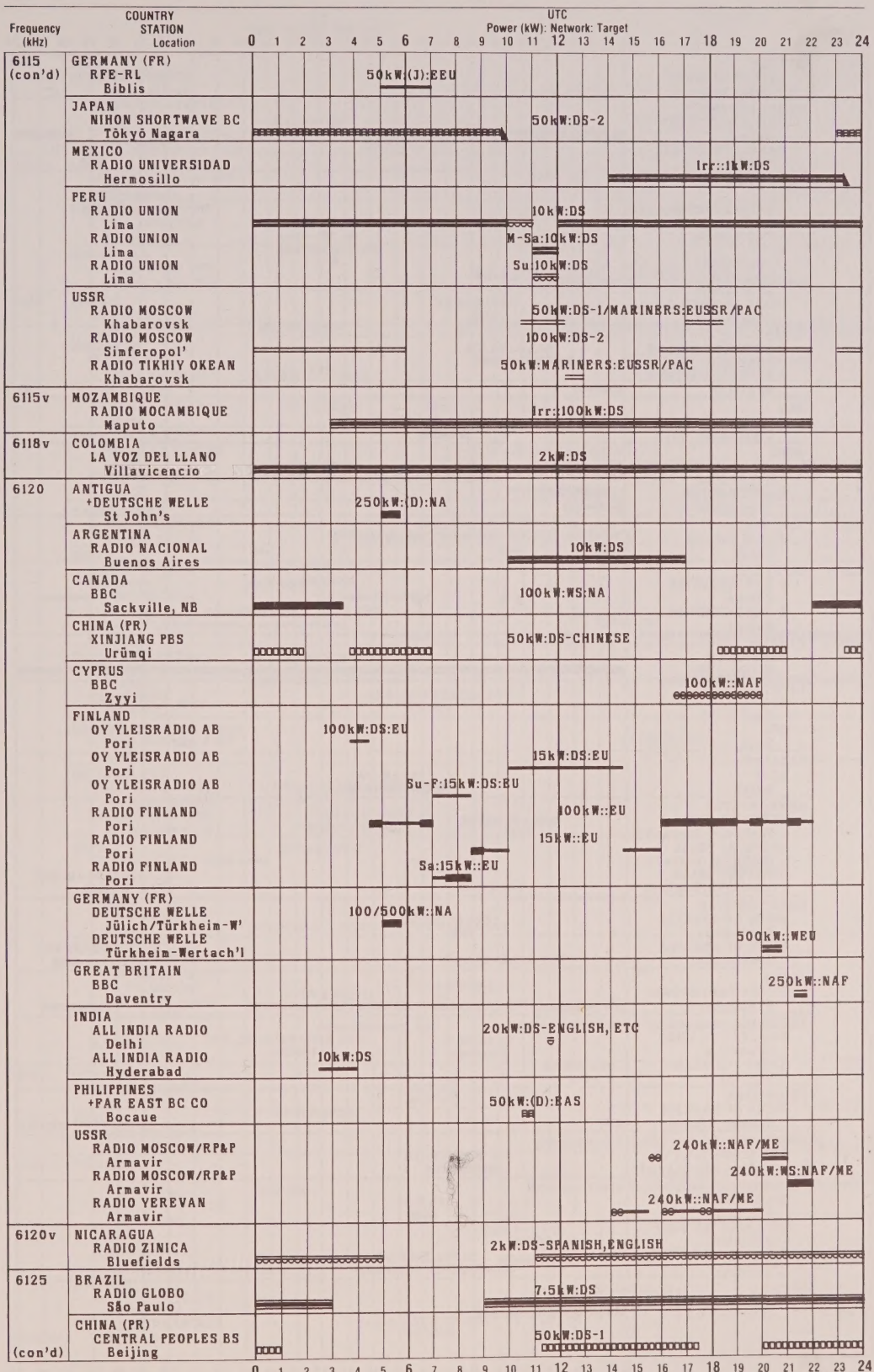
FADE-OUT
+ TENTATIVE

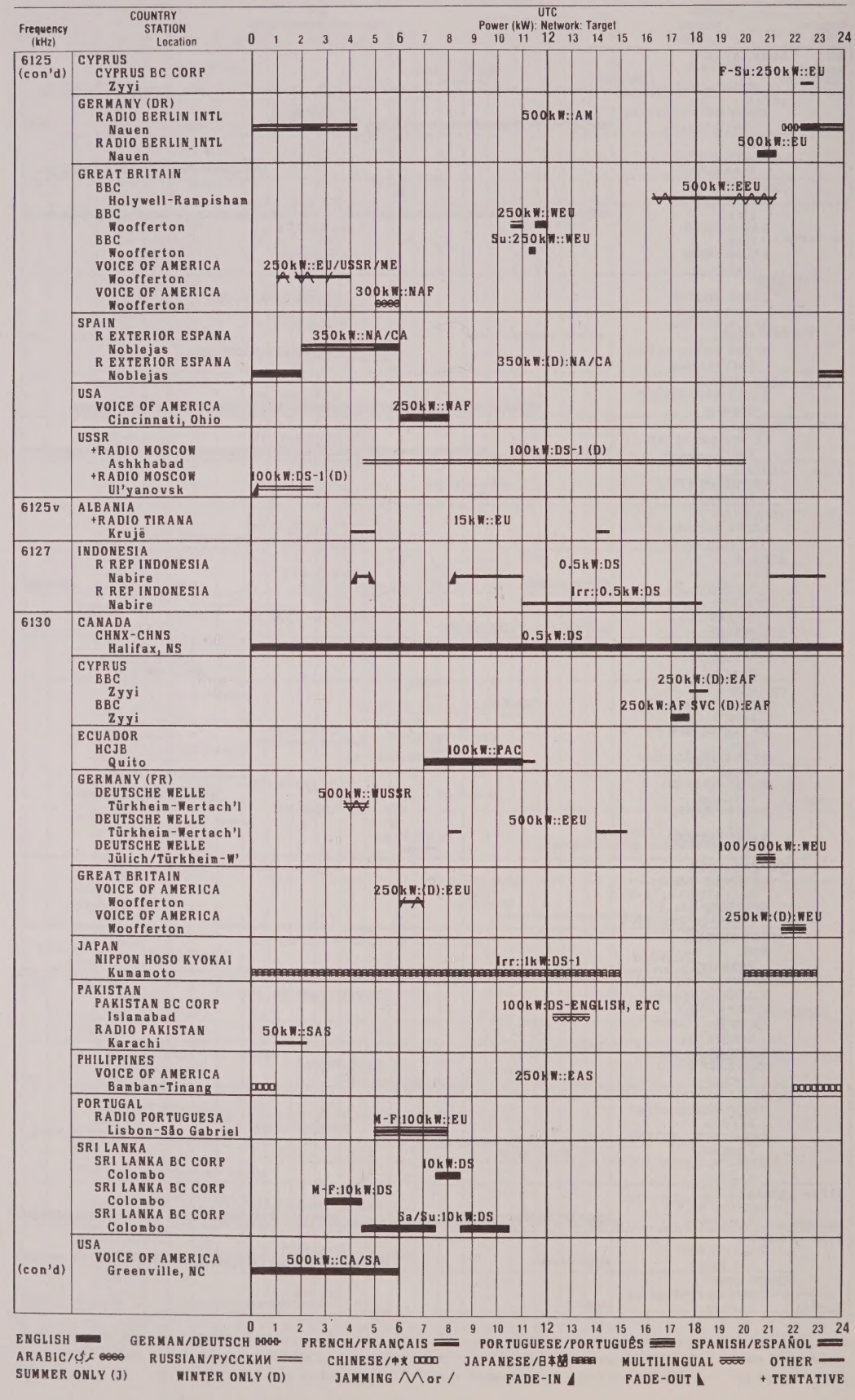

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6080 (con'd)
PHILIPPINES
FAR EAST BC CO
Bocaue
50kW::EAS
SINGAPORE
BBC
Kranji
250kW::SEA
TURKEY
+TURKISH RTV CORP
Ankara
250kW:(D):NAF
USA
VOICE OF AMERICA
Greenville, NC
500kW::WAF
USSR
RADIO MOSCOW
Komsomol'sk 'Amure
50kW:DS-1
RADIO MOSCOW
Komsomol'sk 'Amure
50kW:DS-1 (D)
RADIO MOSCOW
Komsomol'sk 'Amure
50kW:DS-2
RADIO MOSCOW
Novosibirsk
100kW:DS-1 (D)
RADIO MOSCOW
Novosibirsk
100kW:DS-2 (D)
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
50kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
Sa:50kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
Su-F:50kW:MARINERS (D):PAC
6082v
BOLIVIA
R 21 DE DICIEMBRE
Catavi
Irr::0.85kW:DS
R 21 DE DICIEMBRE
Catavi
Irr:M-Sa:0.85kW:DS
6083v
CUBA
RADIO HABANA
Havana
Irr:::SPR:HRON 6060KHZ
6085
AFGHANISTAN
"R IRAN TOILERS"
Via R Afghanistan
100kW:TUDEH COMMUNIST PY:SAS/ME
RADIO AFGHANISTAN
Kabul
100kW::SAS/ME
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::NA
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
100kW::EU/ME
RADIO SOFIA
Rebrovo-Sofia
M-Sa:100kW::EU/ME
RADIO SOFIA
Rebrovo-Sofia
100kW:(D):EU/ME
RADIO SOFIA
Rebrovo-Sofia
Su:100kW:(D):EU/ME
COLOMBIA
ONDAS DEL DARIEN
Turbo
1kW:DS
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW:(D):CA
GERMANY (FR)
BAYERISCHER RFUNK
Munich
100kW:DS-1/ARD-NACHT
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::NA/CA
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::NA/CA
OMAN
RADIO OMAN
Sib
100kW:DS:ME
RADIO OMAN
Sib
Irr:::100kW:DS-RAMADAN:ME
PORTUGAL
NIPPON HOSO KYOKAI
Sines
250kW:GENERAL:EU
SINGAPORE
BBC
Kranji
250kW::USSR
6087
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
3.5/50kW:PRC-4
6089v
NIGERIA
RADIO NIGERIA
Kaduna
250kW:DS
6090 (con'd)
CUBA
RADIO HABANA
Havana
100kW::AM
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

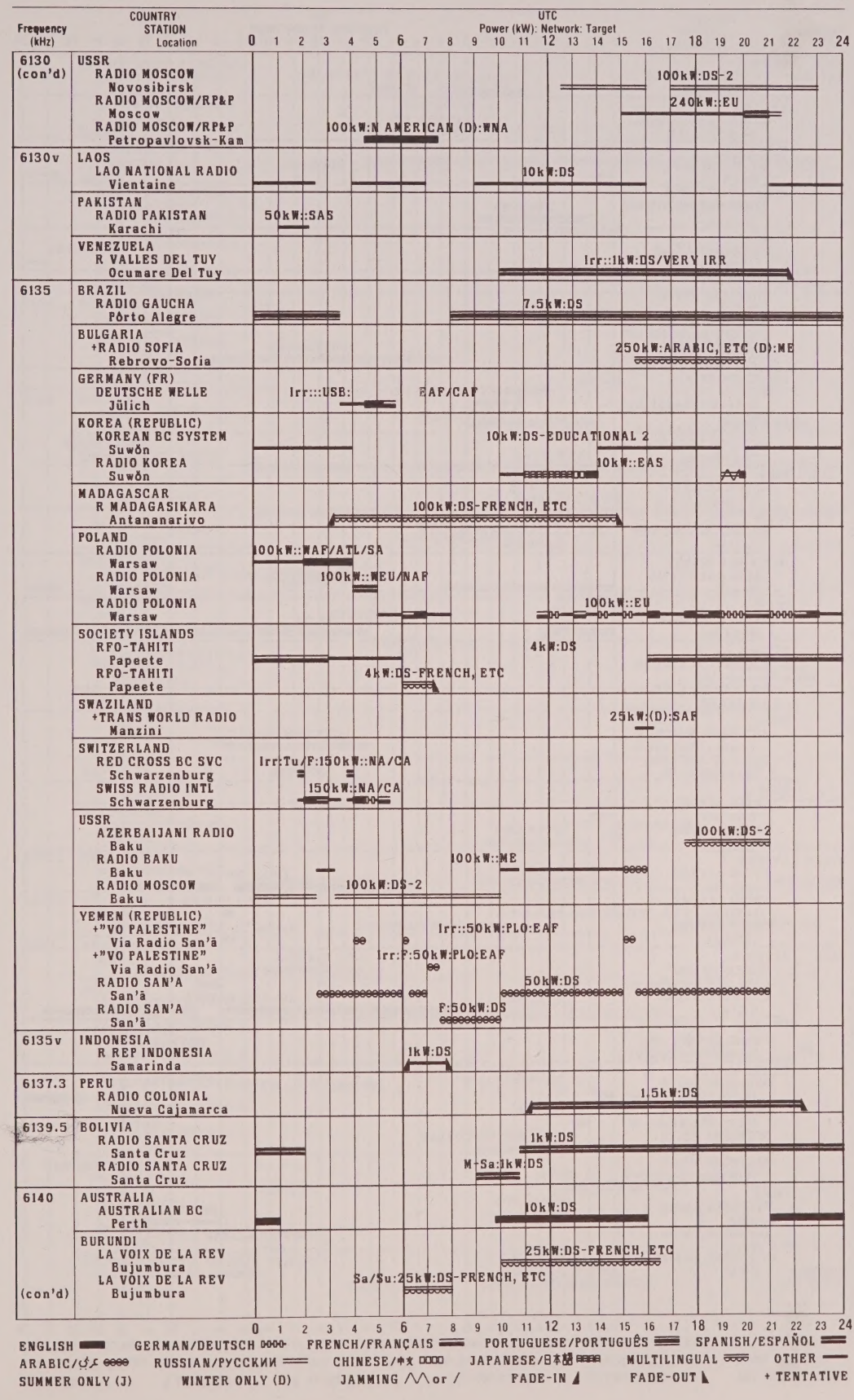

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6090 (con'd)
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
GERMANY (FR)
VOICE OF AMERICA
Ismaning
100kW::WUSSR
KAMPUCHEA (CAMBODIA)
VO THE PEOPLE
Phnom Penh
50kW:DS
VO THE PEOPLE
Phnom Penh
Su:50kW:DS
LIBERIA
LIBERIAN BC SYSTEM
Monrovia
50kW:DS-ENGLISH, ETC
LIBERIAN BC SYSTEM
Monrovia
Th+Tu:50kW:DS-ENGLISH, ETC
LUXEMBOURG
RADIO LUXEMBOURG
Junglinster
500kW::EU
MOROCCO
VOICE OF AMERICA
Tangier
100kW::NAF
MOZAMBIQUE
EP DE SOFALA
Beira
10kW:DS
PAKISTAN
PAKISTAN BC CORP
Islamabad
100kW:DS
USSR
IRKUTSK RADIO
Irkutsk
50kW:DS
RADIO MOSCOW
Nikolayevsk 'Amure
100kW:DS-1
+RADIO MOSCOW
Orenburg
100kW:DS-1 (D)
RADIO MOSCOW/RP&P
Simferopol
240kW:(D):EU
RADIO MOSCOW/RP&P
Simferopol
240kW:WS (D):EU
6090.2
ARGENTINA
RADIO BELGRANO
Buenos Aires
30kW:DS/TEMP INACTIVE
RADIO BELGRANO
Buenos Aires
Irr::30kW:DS/TEMP INACTIVE
6090.5
GUATEMALA
UNION RADIO-AWR
Guatemala City
3.8kW:DS
6095
CHINA (PR)
CENTRAL PEOPLES BS
Nanchang
50kW:TAIWAN-2
CLANDESTINE (AFRICA)
"VO ERITREAN PLF"
Via R Mogadishu
50kW:ANTI-ETHIOPIAN GOV:EAF
"WEST SOMALIA LIB"
Via R Mogadishu
50kW:ANTI-ETHIOPIAN GOV:EAF
COLOMBIA
LV DEL CENTRO
Espinal
Irr::5kW:DS
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::NA
GERMANY (FR)
VOICE OF AMERICA
Ismaning
100kW::WUSSR
MOROCCO
VOICE OF AMERICA
Tangier
100kW::NAF
POLAND
RADIO POLONIA
Warsaw
100kW::ATL/NA
RADIO POLONIA
Warsaw
100kW::EU/NAF
RADIO POLONIA
Warsaw
100kW::EU
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::ENA
RADIO PORTUGUESA
Lisbon-São Gabriel
Tu-Sa:100kW::ENA
RADIO PORTUGUESA
Lisbon-São Gabriel
Tu-Sa:100kW::WNA
SOMALIA
RADIO MOGADISCIO
Mogadiscio
50kW::EAF
USSR
RADIO MOSCOW
Kalinin
(con'd)
100kW:DS-1 (D)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

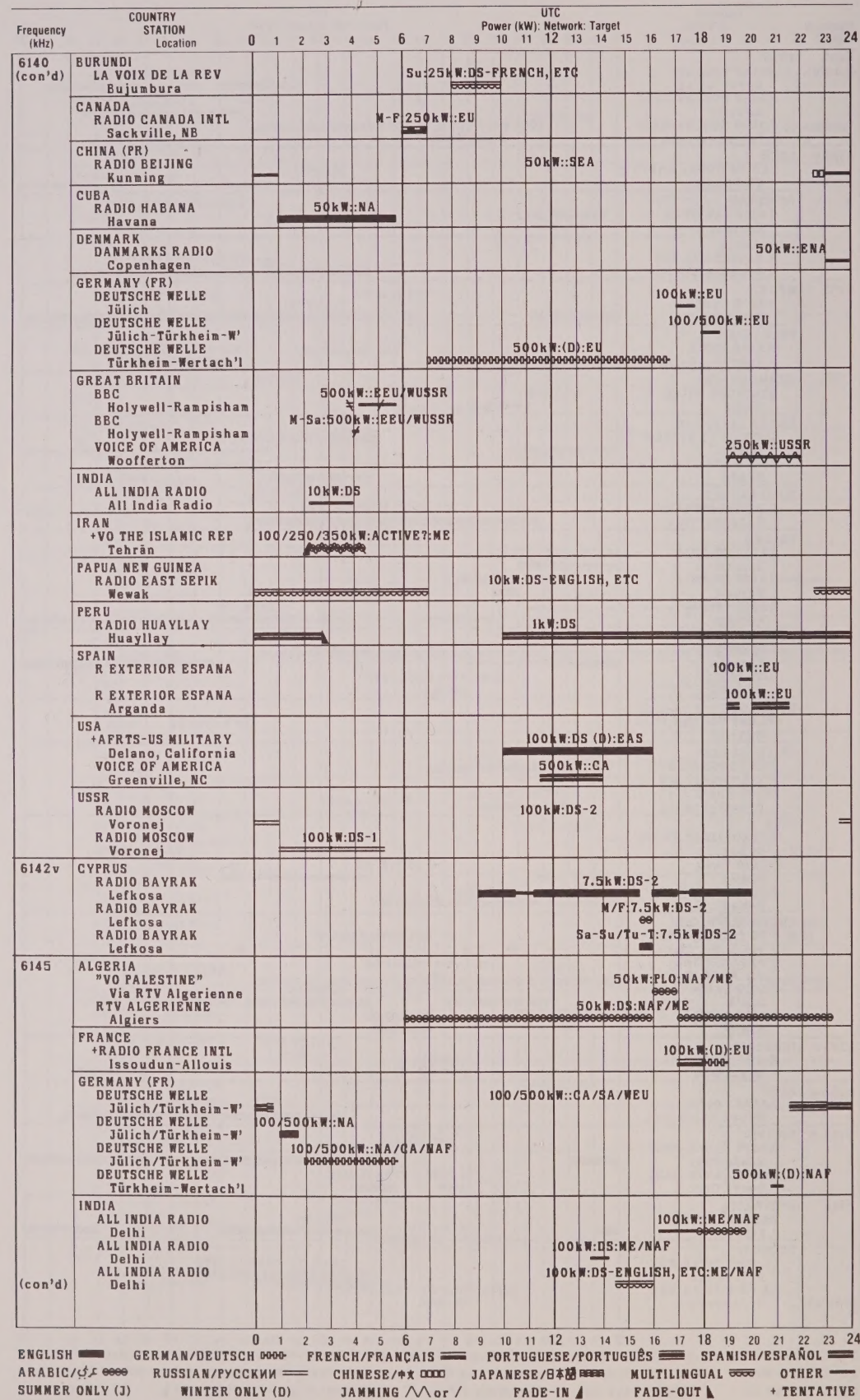

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6095 (con'd)
USSR
+RADIO MOSCOW
Serpuhkov
100kW:DS (D)
6099.2
CHILE
RADIO CALAMA
Calama
1rr::1kW:DS
6100
CHINA (PR)
XINJIANG PBS
Ürümqi
50kW:DS-CHINESE
CUBA
RADIO HABANA
Havana
50/100kW::NA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::AM
DEUTSCHE WELLE
Jülich
100kW::ME/NAF
GREAT BRITAIN
+BBC
Skelton, Cumbria
250kW:(D):EAF
MALAYSIA
VOICE OF MALAYSIA
Kuala Lumpur
100kW::SEA
PHILIPPINES
VOICE OF AMERICA
San Fernando-Poro
50kW::SEA
USSR
RADIO MOSCOW
Kaunas
50kW:DS-1:EU
RADIO MOSCOW/RP&P
Irkutsk
500kW:(D):EAS
RADIO MOSCOW/RP&P
Novosibirsk
100kW:(D):EAS
RADIO VILNIUS
Kaunas
50kW::EU
YUGOSLAVIA
RADIO KOPER
Belgrade
100kW:DS:EU/NAF/ME
RADIO YUGOSLAVIA
Belgrade
100kW:(J):EU/NAF/ME
RADIO YUGOSLAVIA
Belgrade/Bijeljina
100/250kW:(J):EU/NAF/ME
RADIO ZAGREB
Belgrade
Th:100kW:DS:EU/NAF/ME
VARIOUS REGIONALS
Belgrade
100kW:DS:EU/NAF/ME
6100v
VENEZUELA
OBSERVATORIO NAVAL
Caracas
1rr::1kW:DS
6105
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Biblis
M-Sa:50kW::ECU
RFE-RL
Lampertheim
20/100kW::WUSSR
GREECE
VOICE OF AMERICA
Rhodes
50kW::WUSSR
INDIA
ALL INDIA RADIO
Delhi
100kW::SAS
MEXICO
SU PANTERA
Mérida
1rr::0.25kW:DS
TURKEY
+TURKISH RTV CORP
Ankara
250kW:(D):NAF
+TURKISH RTV CORP
Ankara
250kW:(D):ME
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
USSR
RADIO MOSCOW
Kalinin
120kW:DS-1
RADIO MOSCOW
Kalinin
120kW:DS-1 (D)
6105.6
COSTA RICA
RADIO UNIVERSIDAD
San José
1rr::2kW:DS
6106.7
BOLIVIA
RADIO PANAMERICANA
La Paz
Tu-Sa:10kW:DS
RADIO PANAMERICANA
La Paz
10kW:DS
RADIO PANAMERICANA
La Paz
M-Sa:10kW:DS
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

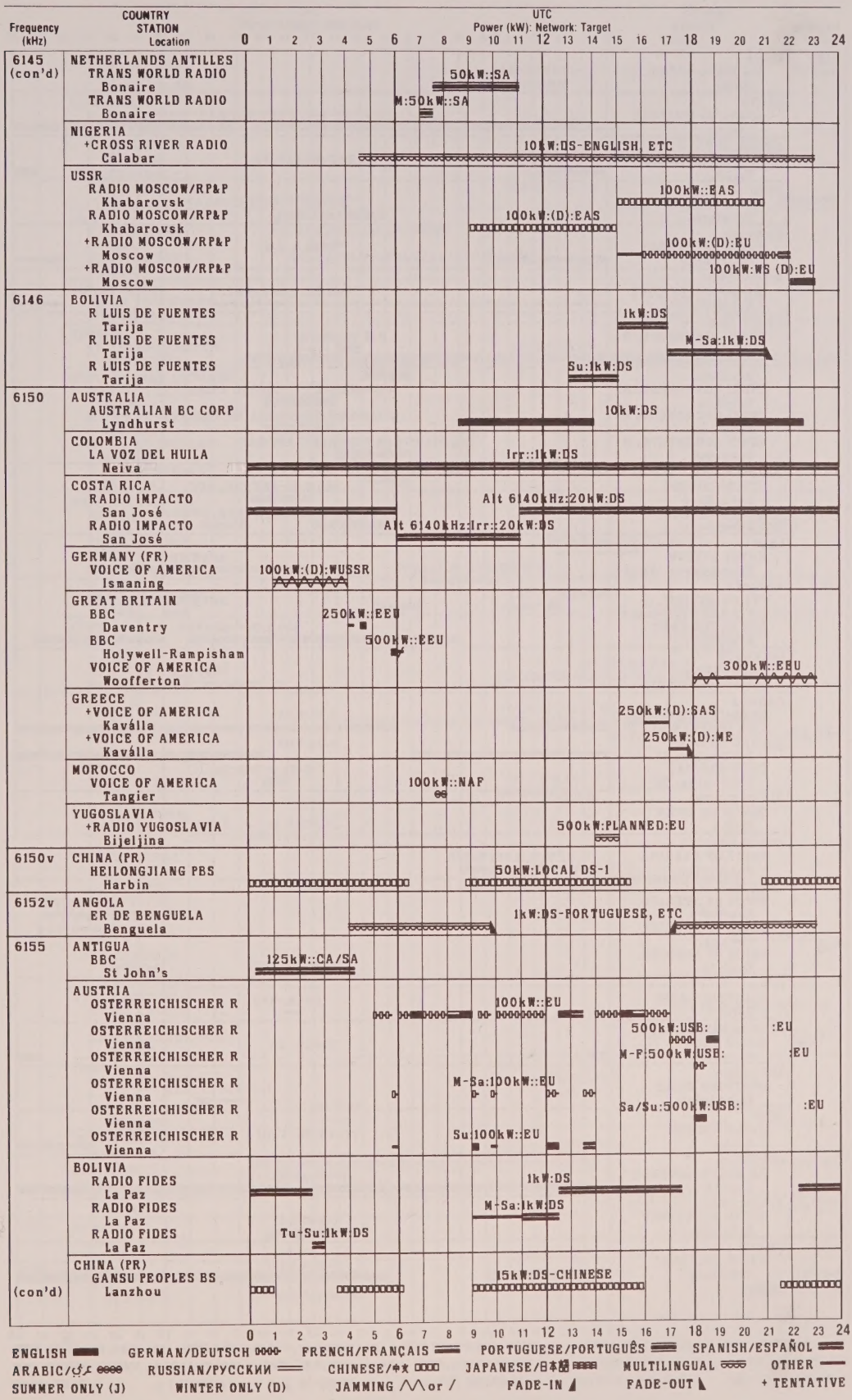

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6110
CHINA (PR)
CENTRAL PEOPLES BS
Xi'an
50kW:DS-2
GREAT BRITAIN
BBC
Multiple Locations
250kW::AM
+BBC
Skelton, Cumbria
250kW:(D):NAF
HOLLAND
RADIO NEDERLAND
Flevoland
500kW::WEU
HUNGARY
RADIO BUDAPEST
Erd-Diósd
100kW::SA
100kW::NA
100kW::WEU
M:100kW::NA
M-Sa:100kW::SA
M/W/Sa:100kW::NA
Su:100kW::SA
Su-Tu/Th-F:100kW::NA
Tu-Su:100kW::NA
Tu/F:100kW::NA
W/Sa:100kW::NA
INDIA
RADIO KASHMIR
Srinagar
7.5kW:DS-ENGLISH, ETC
Srinigar
Su:7.5kW:DS-ENGLISH, ETC
MALTA
IBRA RADIO
Marsaxlokk Cyclops
250kW:(D):EU
M/Tu:250kW:(D):EU
Sa:250kW:(D):EU
Sa/Su:250kW:(D):EU
Su:250kW:(D):EU
W-Su:250kW:(D):EU
R MEDITERRANEAN
250kW::EU
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS/SEA
250kW::EAS
USSR
RADIO BAKU
Baku
50kW::ME
RADIO MOSCOW
Baku
50kW:DS-2
RADIO MOSCOW/RP&P
Baku
6115
BRAZIL
RADIO TUPI
Rio de Janiero
Irr::5kW:DS
CONGO
RTV CONGOLAISE
Brazzaville
Irr::50kW:DS-FRENCH, ETC
Irr::50kW:DS
CUBA
+RADIO MOSCOW/RP&P
Havana
Alt 6170kHz:100kW:N AMERICAN (D):ENA
Alt 6170kHz:100kW:WS (D):ENA
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
50kW::EU
STIMME DER DDR
Königswusterhausen
50kW:DS
GERMANY (FR)
RFE-RL
Biblis
M-Sa:100kW::EEU
(con'd)
100kW:(D):EEU
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

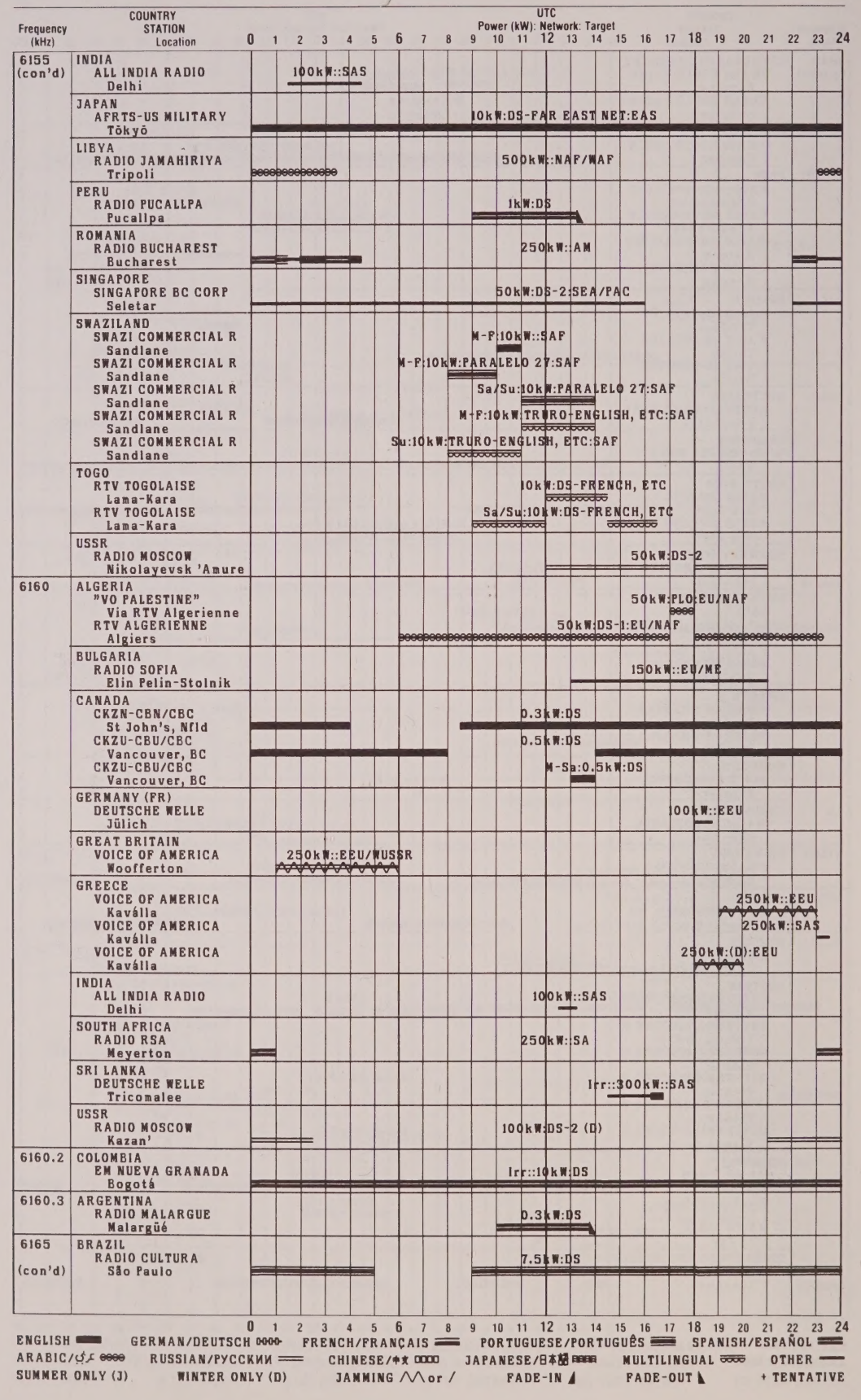

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6115 (con'd)
GERMANY (FR) RFE-RL Biblis
50kW:(J):EEU
JAPAN NIHON SHORTWAVE BC Tôkyô Nagara
50kW:DS-2
MEXICO RADIO UNIVERSIDAD Hermosillo
1rr::1kW:DS
PERU RADIO UNION Lima
10kW:DS
RADIO UNION Lima
M-Sa:10kW:DS
RADIO UNION Lima
Su:10kW:DS
USSR RADIO MOSCOW Khabarovsk
50kW:DS-1/MARINERS:EUSSR/PAC
RADIO MOSCOW Simferopol'
100kW:DS-2
RADIO TIKHIY OKEAN Khabarovsk
50kW:MARINERS:EUSSR/PAC
6115v
MOZAMBIQUE RADIO MOCAMBIQUE Maputo
1rr::100kW:DS
6118v
COLOMBIA LA VOZ DEL LLANO Villavicencio
2kW:DS
6120
ANTIGUA +DEUTSCHE WELLE St John's
250kW:(D):NA
ARGENTINA RADIO NACIONAL Buenos Aires
10kW:DS
CANADA BBC Sackville, NB
100kW:WS:NA
CHINA (PR) XINJIANG PBS Urümqi
50kW:DS-CHINESE
CYPRUS BBC Zyyi
100kW::NAF
FINLAND OY YLEISRADIO AB Pori
100kW:DS:EU
OY YLEISRADIO AB Pori
15kW:DS:EU
OY YLEISRADIO AB Pori
Su-F:15kW:DS:EU
RADIO FINLAND Pori
100kW::EU
RADIO FINLAND Pori
15kW::EU
RADIO FINLAND Pori
Sa:15kW::EU
GERMANY (FR) DEUTSCHE WELLE Jülich/Türkheim-W'
100/500kW::NA
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::WEU
GREAT BRITAIN BBC Daventry
250kW::NAF
INDIA ALL INDIA RADIO Delhi
20kW:DS-ENGLISH, ETC
ALL INDIA RADIO Hyderabad
10kW:DS
PHILIPPINES +FAR EAST BC CO Bocaue
50kW:(D):EAS
USSR RADIO MOSCOW/RP&P Armavir
240kW::NAF/ME
RADIO MOSCOW/RP&P Armavir
240kW:WS:NAF/ME
RADIO YEREVAN Armavir
240kW::NAF/ME
6120v
NICARAGUA RADIO ZINICA Bluefields
2kW:DS-SPANISH,ENGLISH
6125
BRAZIL RADIO GLOBO São Paulo
7.5kW:DS
CHINA (PR) CENTRAL PEOPLES BS Beijing
50kW:DS-1
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

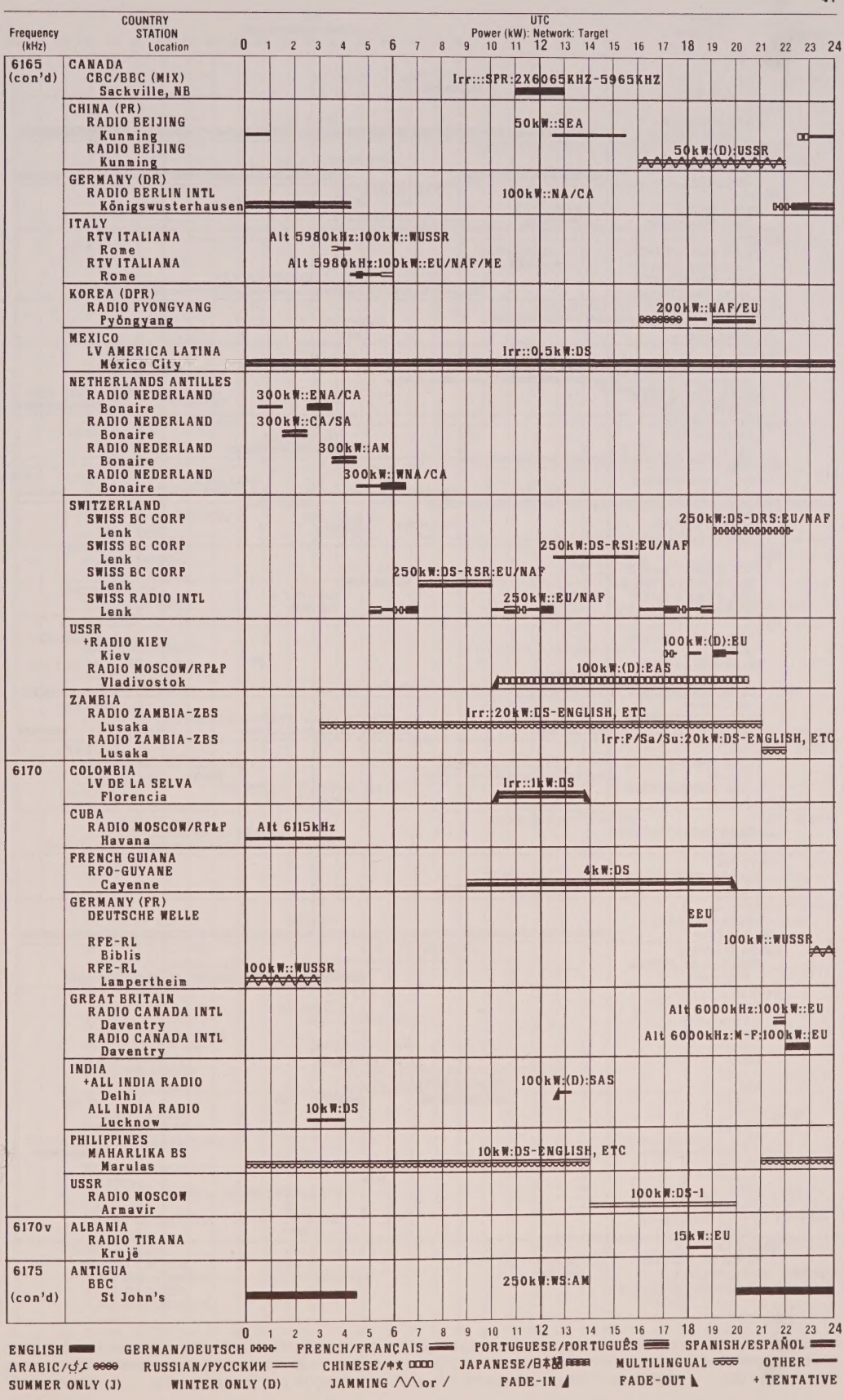

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6125 (con'd)
CYPRUS
CYPRUS BC CORP
Zyyi
F-Su:250kW::EU
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::AM
RADIO BERLIN INTL
Nauen
500kW::EU
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::EEU
BBC
Woofferton
250kW::WEU
BBC
Woofferton
Su:250kW::WEU
VOICE OF AMERICA
Woofferton
250kW::EU/USSR/ME
VOICE OF AMERICA
Woofferton
300kW::NAF
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::NA/CA
R EXTERIOR ESPANA
Noblejas
350kW:(D):NA/CA
USA
VOICE OF AMERICA
Cincinnati, Ohio
250kW::WAF
USSR
+RADIO MOSCOW
Ashkhabad
100kW:DS-1 (D)
+RADIO MOSCOW
Ul'yanovsk
100kW:DS-1 (D)
6125v
ALBANIA
+RADIO TIRANA
Krujë
15kW::EU
6127
INDONESIA
R REP INDONESIA
Nabire
0.5kW:DS
R REP INDONESIA
Nabire
Irr::0.5kW:DS
6130
CANADA
CHNX-CHNS
Halifax, NS
0.5kW:DS
CYPRUS
BBC
Zyyi
250kW:(D):EAF
BBC
Zyyi
250kW:AF SVC (D):EAF
ECUADOR
HCJB
Quito
100kW::PAC
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EEU
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::WEU
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW:(D):EEU
VOICE OF AMERICA
Woofferton
250kW:(D):WEU
JAPAN
NIPPON HOSO KYOKAI
Kumamoto
Irr::1kW:DS-1
PAKISTAN
PAKISTAN BC CORP
Islamabad
100kW:DS-ENGLISH, ETC
RADIO PAKISTAN
Karachi
50kW::SAS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
M-F 100kW::EU
SRI LANKA
SRI LANKA BC CORP
Colombo
10kW:DS
SRI LANKA BC CORP
Colombo
M-F:10kW:DS
SRI LANKA BC CORP
Colombo
Sa/Su:10kW:DS
USA
(con'd)
VOICE OF AMERICA
Greenville, NC
500kW::CA/SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

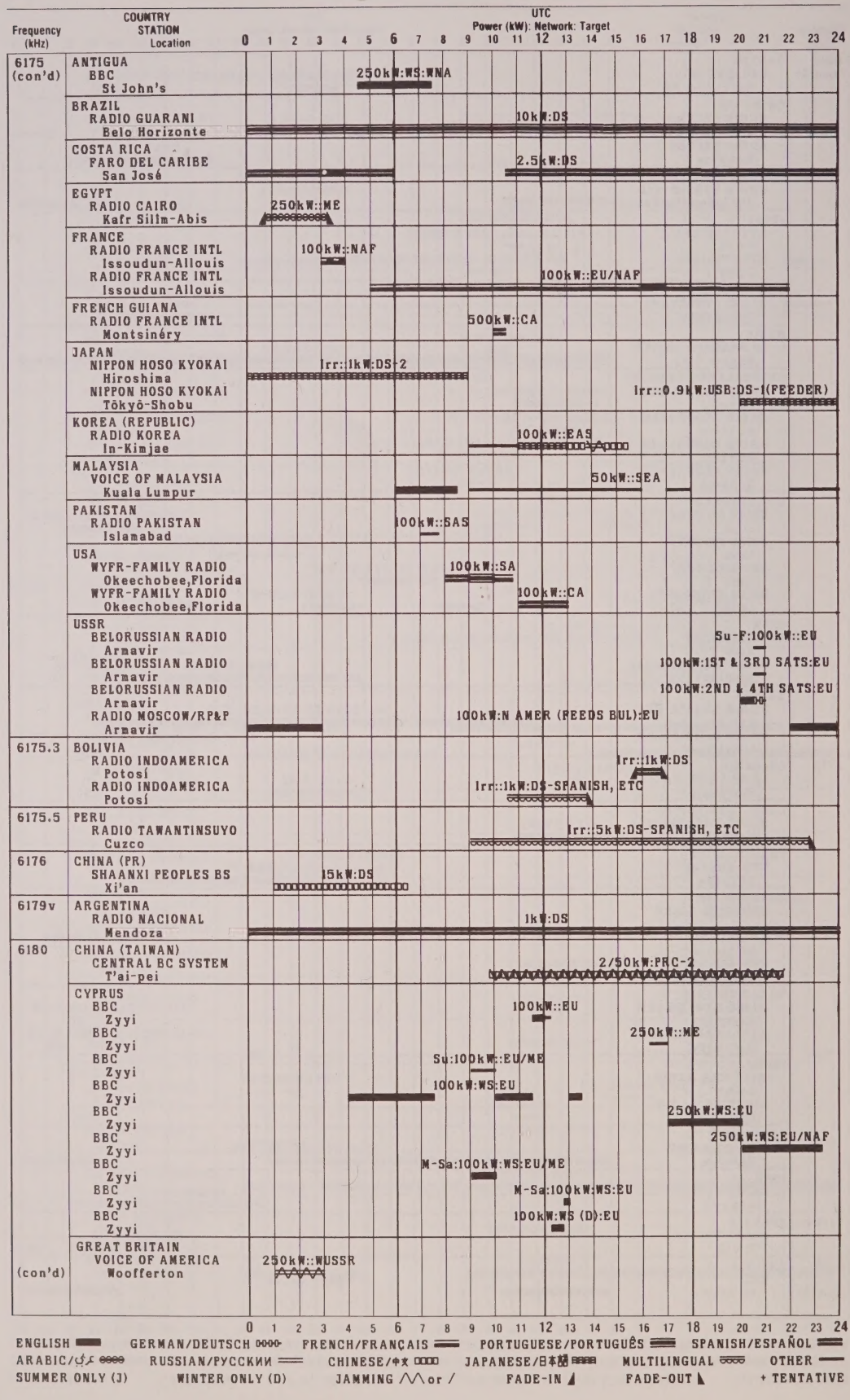

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6130 (con'd)
USSR
RADIO MOSCOW Novosibirsk
100kW:DS-2
RADIO MOSCOW/RP&P Moscow
240kW::EU
RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:N AMERICAN (D):WNA
6130v
LAOS
LAO NATIONAL RADIO Vientaine
10kW:DS
PAKISTAN
RADIO PAKISTAN Karachi
50kW::SAS
VENEZUELA
R VALLES DEL TUY Ocumare Del Tuy
Irr::1kW:DS/VERY IRR
6135
BRAZIL
RADIO GAUCHA Pôrto Alegre
7.5kW:DS
BULGARIA
+RADIO SOFIA Rebrovo-Sofia
250kW:ARABIC, ETC (D):ME
GERMANY (FR)
DEUTSCHE WELLE Jülich
Irr:::USB:
EAF/CAF
KOREA (REPUBLIC)
KOREAN BC SYSTEM Suwŏn
10kW:DS-EDUCATIONAL 2
RADIO KOREA Suwŏn
10kW::EAS
MADAGASCAR
R MADAGASIKARA Antananarivo
100kW:DS-FRENCH, ETC
POLAND
RADIO POLONIA Warsaw
100kW::NAF/ATL/SA
RADIO POLONIA Warsaw
100kW::NEU/NAF
RADIO POLONIA Warsaw
100kW::EU
SOCIETY ISLANDS
RFO-TAHITI Papeete
4kW:DS
RFO-TAHITI Papeete
4kW:DS-FRENCH, ETC
SWAZILAND
+TRANS WORLD RADIO Manzini
25kW:(D):SAF
SWITZERLAND
RED CROSS BC SVC Schwarzenburg
Irr:Tu/F:150kW::NA/CA
SWISS RADIO INTL Schwarzenburg
150kW::NA/CA
USSR
AZERBAIJANI RADIO Baku
100kW:DS-2
RADIO BAKU Baku
100kW::ME
RADIO MOSCOW Baku
100kW:DS-2
YEMEN (REPUBLIC)
+"VO PALESTINE" Via Radio San'ā
Irr::50kW:PLO:EAF
+"VO PALESTINE" Via Radio San'ā
Irr:F:50kW:PLO:EAF
RADIO SAN'A San'ā
50kW:DS
RADIO SAN'A San'ā
F:50kW:DS
6135v
INDONESIA
R REP INDONESIA Samarinda
1kW:DS
6137.3
PERU
RADIO COLONIAL Nueva Cajamarca
1.5kW:DS
6139.5
BOLIVIA
RADIO SANTA CRUZ Santa Cruz
1kW:DS
RADIO SANTA CRUZ Santa Cruz
M+Sa:1kW:DS
6140
AUSTRALIA
AUSTRALIAN BC Perth
10kW:DS
BURUNDI
LA VOIX DE LA REV Bujumbura
25kW:DS-FRENCH, ETC
LA VOIX DE LA REV Bujumbura
(con'd)
Sa/Su:25kW:DS-FRENCH, ETC
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

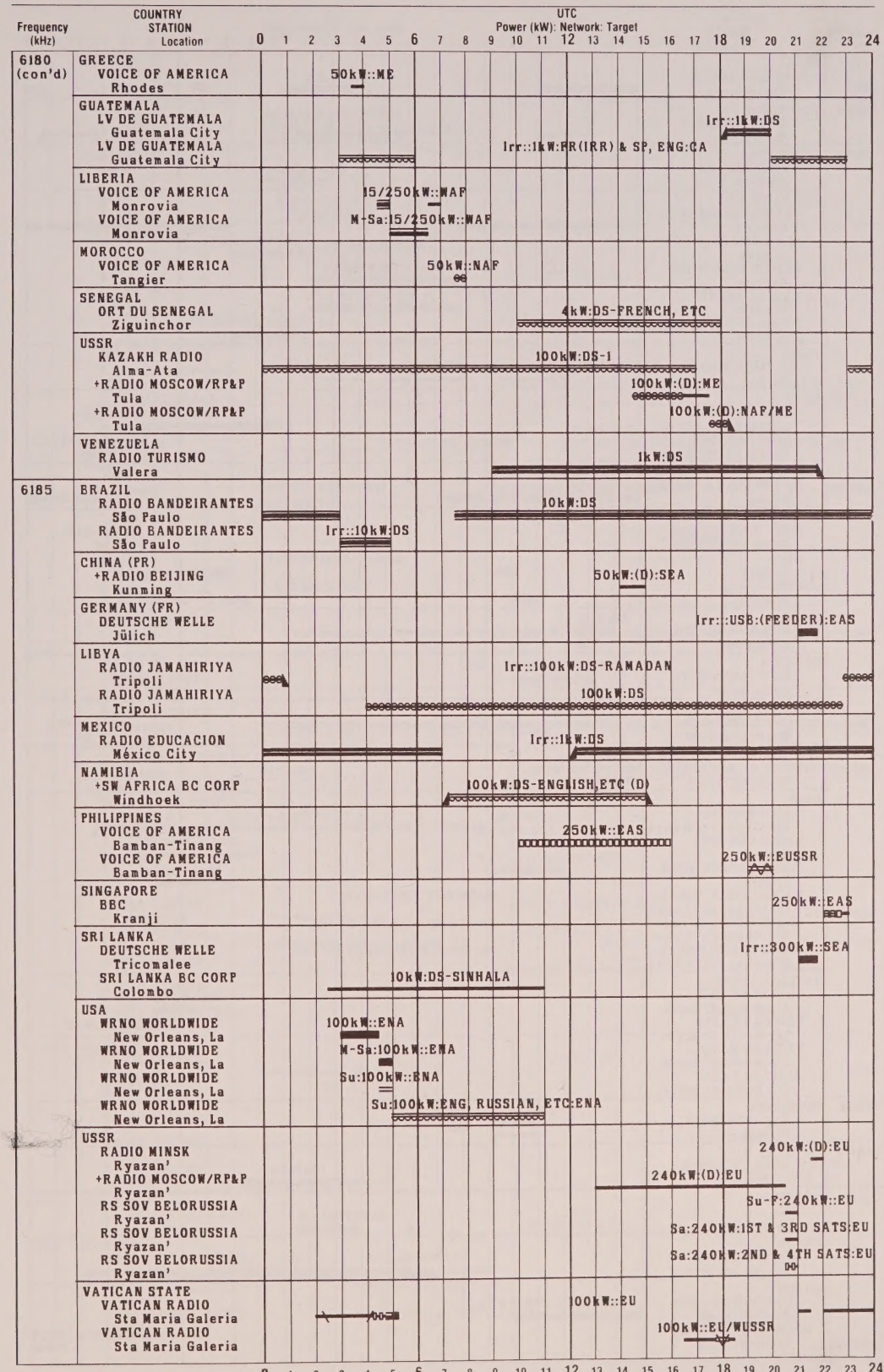

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6140 (con'd)
BURUNDI
LA VOIX DE LA REV
Bujumbura
Su:25kW:DS-FRENCH, ETC
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::EU
CHINA (PR)
RADIO BEIJING
Kunming
50kW::SEA
CUBA
RADIO HABANA
Havana
50kW::NA
DENMARK
DANMARKS RADIO
Copenhagen
50kW::ENA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EU
DEUTSCHE WELLE
Jülich-Türkheim-W'
100/500kW::EU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(D):EU
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::EEU/WUSSR
BBC
Holywell-Rampisham
M-Sa:500kW::EEU/WUSSR
VOICE OF AMERICA
Woofferton
250kW::USSR
INDIA
ALL INDIA RADIO
All India Radio
10kW:DS
IRAN
+VO THE ISLAMIC REP
Tehrān
100/250/350kW:ACTIVE?:ME
PAPUA NEW GUINEA
RADIO EAST SEPIK
Wewak
10kW:DS-ENGLISH, ETC
PERU
RADIO HUAYLLAY
Huayllay
1kW:DS
SPAIN
R EXTERIOR ESPANA
100kW::EU
R EXTERIOR ESPANA
Arganda
100kW::EU
USA
+AFRTS-US MILITARY
Delano, California
100kW:DS (D):EAS
VOICE OF AMERICA
Greenville, NC
500kW::CA
USSR
RADIO MOSCOW
Voronej
100kW:DS-2
RADIO MOSCOW
Voronej
100kW:DS-1
6142v
CYPRUS
RADIO BAYRAK
Lefkosa
7.5kW:DS-2
RADIO BAYRAK
Lefkosa
M/F:7.5kW:DS-2
RADIO BAYRAK
Lefkosa
Sa-Su/Tu-T:7.5kW:DS-2
6145
ALGERIA
"VO PALESTINE"
Via RTV Algerienne
50kW:PLO:NAF/ME
RTV ALGERIENNE
Algiers
50kW:DS:NAF/ME
FRANCE
+RADIO FRANCE INTL
Issoudun-Allouis
100kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::CA/SA/WEU
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::NA
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::NA/CA/NAF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(D):NAF
INDIA
ALL INDIA RADIO
Delhi
100kW::ME/NAF
ALL INDIA RADIO
Delhi
100kW:DS:ME/NAF
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC:ME/NAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

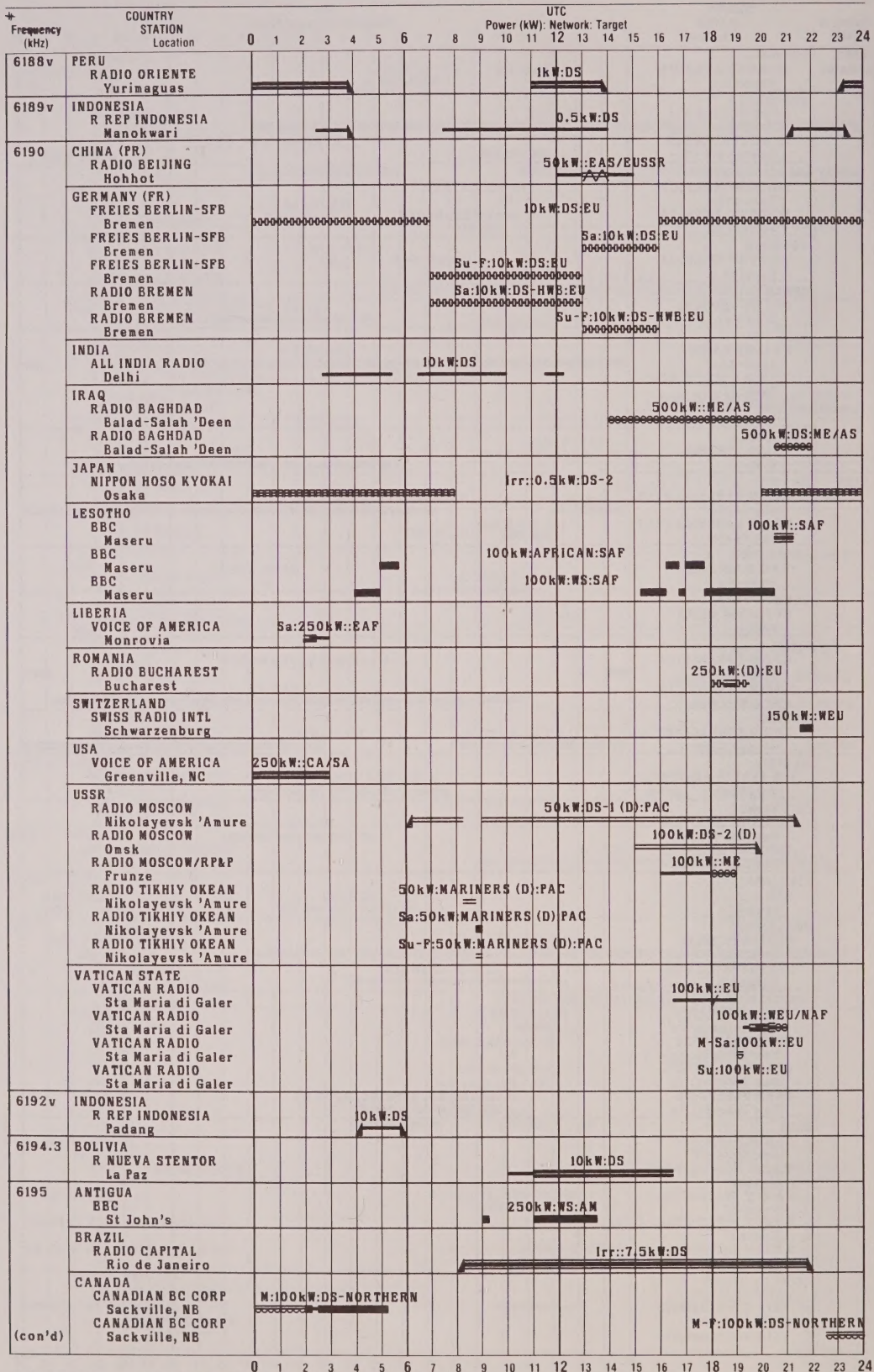

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6145 (con'd)
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
50kW::SA
TRANS WORLD RADIO
Bonaire
M:50kW::SA
NIGERIA
+CROSS RIVER RADIO
Calabar
10kW:DS-ENGLISH, ETC
USSR
RADIO MOSCOW/RP&P
Khabarovsk
100kW::EAS
RADIO MOSCOW/RP&P
Khabarovsk
100kW:(D):EAS
+RADIO MOSCOW/RP&P
Moscow
100kW:(D):EU
+RADIO MOSCOW/RP&P
Moscow
100kW:WS (D):EU
6146
BOLIVIA
R LUIS DE FUENTES
Tarija
1kW:DS
R LUIS DE FUENTES
Tarija
M-Sa:1kW:DS
R LUIS DE FUENTES
Tarija
Su:1kW:DS
6150
AUSTRALIA
AUSTRALIAN BC CORP
Lyndhurst
10kW:DS
COLOMBIA
LA VOZ DEL HUILA
Neiva
Irr::1kW:DS
COSTA RICA
RADIO IMPACTO
San José
Alt 6140kHz:20kW:DS
RADIO IMPACTO
San José
Alt 6140kHz:Irr::20kW:DS
GERMANY (FR)
VOICE OF AMERICA
Ismaning
100kW:(D):WUSSR
GREAT BRITAIN
BBC
Daventry
250kW::EEU
BBC
Holywell-Rampisham
500kW::EEU
VOICE OF AMERICA
Woofferton
300kW::EEU
GREECE
+VOICE OF AMERICA
Kaválla
250kW:(D):SAS
+VOICE OF AMERICA
Kaválla
250kW:(D):ME
MOROCCO
VOICE OF AMERICA
Tangier
100kW::NAF
YUGOSLAVIA
+RADIO YUGOSLAVIA
Bijeljina
500kW:PLANNED:EU
6150v
CHINA (PR)
HEILONGJIANG PBS
Harbin
50kW:LOCAL DS-1
6152v
ANGOLA
ER DE BENGUELA
Benguela
1kW:DS-PORTUGUESE, ETC
6155
ANTIGUA
BBC
St John's
125kW::CA/SA
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::EU
OSTERREICHISCHER R
Vienna
500kW:USB:
:EU
OSTERREICHISCHER R
Vienna
M-F:500kW:USB:
:EU
OSTERREICHISCHER R
Vienna
M-Sa:100kW::EU
OSTERREICHISCHER R
Vienna
Sa/Su:500kW:USB:
:EU
OSTERREICHISCHER R
Vienna
Su:100kW::EU
BOLIVIA
RADIO FIDES
La Paz
1kW:DS
RADIO FIDES
La Paz
M-Sa:1kW:DS
RADIO FIDES
La Paz
Tu-Su:1kW:DS
CHINA (PR)
GANSU PEOPLES BS
Lanzhou
15kW:DS-CHINESE
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

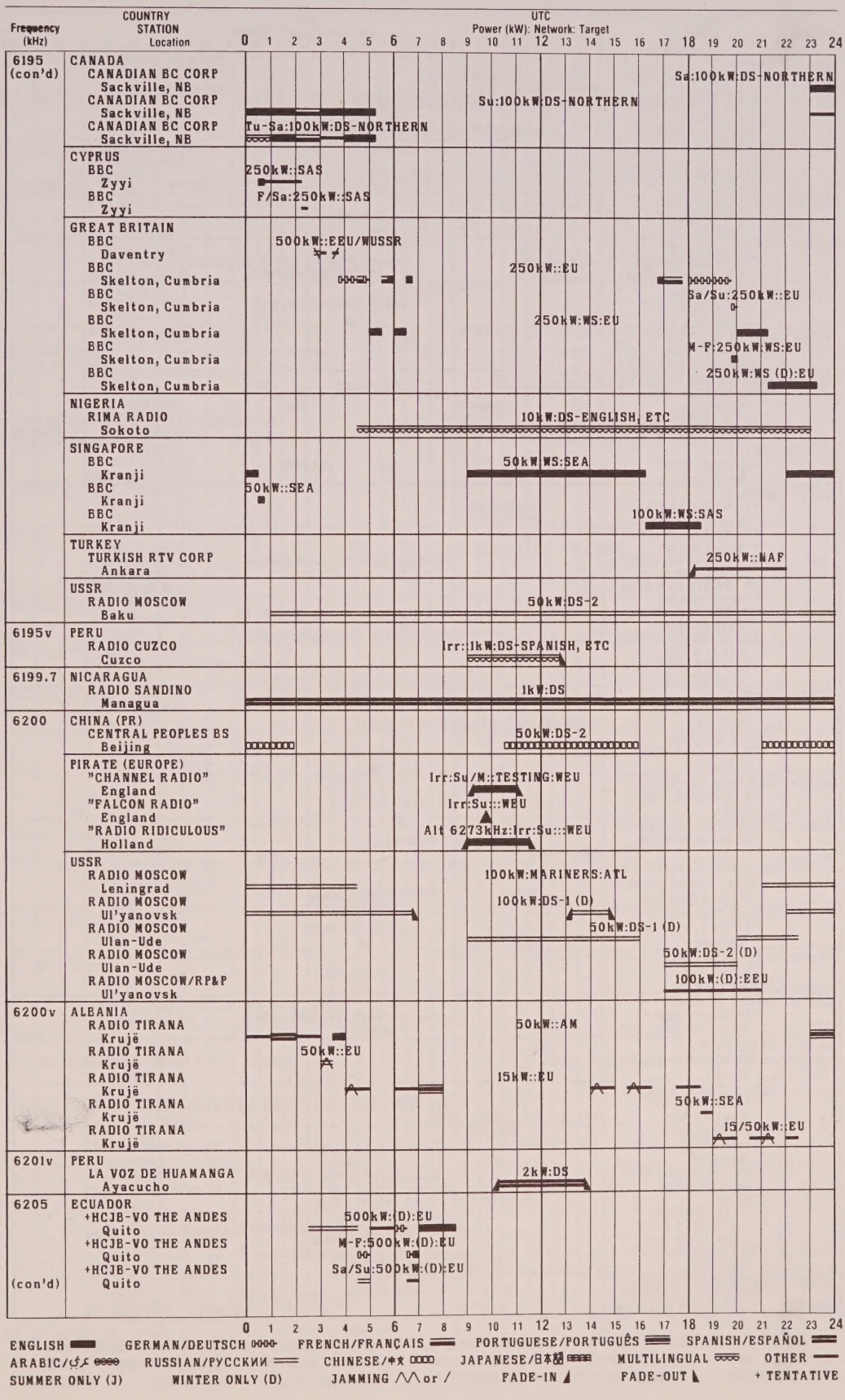

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6155 (con'd)
INDIA
ALL INDIA RADIO
Delhi
100kW::SAS
JAPAN
AFRTS-US MILITARY
Tōkyō
10kW:DS-FAR EAST NET:EAS
LIBYA
RADIO JAMAHIRIYA
Tripoli
500kW::NAF/WAF
PERU
RADIO PUCALLPA
Pucallpa
1kW:DS
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AM
SINGAPORE
SINGAPORE BC CORP
Seletar
50kW:DS-2:SEA/PAC
SWAZILAND
SWAZI COMMERCIAL R
Sandlane
M-F:10kW::SAF
SWAZI COMMERCIAL R
Sandlane
M-F:10kW:PARALELO 27:SAF
SWAZI COMMERCIAL R
Sandlane
Sa/Su:10kW:PARALELO 27:SAF
SWAZI COMMERCIAL R
Sandlane
M-F:10kW:TRURO-ENGLISH, ETC:SAF
SWAZI COMMERCIAL R
Sandlane
Su:10kW:TRURO-ENGLISH, ETC:SAF
TOGO
RTV TOGOLAISE
Lama-Kara
10kW:DS-FRENCH, ETC
RTV TOGOLAISE
Lama-Kara
Sa/Su:10kW:DS-FRENCH, ETC
USSR
RADIO MOSCOW
Nikolayevsk 'Amure
50kW:DS-2
6160
ALGERIA
"VO PALESTINE"
Via RTV Algerienne
50kW:PLO:EU/NAF
RTV ALGERIENNE
Algiers
50kW:DS-1:EU/NAF
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::EU/ME
CANADA
CKZN-CBN/CBC
St John's, Nfld
0.3kW:DS
CKZU-CBU/CBC
Vancouver, BC
0.5kW:DS
CKZU-CBU/CBC
Vancouver, BC
M-Sa:0.5kW:DS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EEU
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW::EEU/WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::EEU
VOICE OF AMERICA
Kaválla
250kW::SAS
VOICE OF AMERICA
Kaválla
250kW:(D):EEU
INDIA
ALL INDIA RADIO
Delhi
100kW::SAS
SOUTH AFRICA
RADIO RSA
Meyerton
250kW::SA
SRI LANKA
DEUTSCHE WELLE
Tricomalee
Irr::300kW::SAS
USSR
RADIO MOSCOW
Kazan'
100kW:DS-2 (D)
6160.2
COLOMBIA
EM NUEVA GRANADA
Bogotá
Irr::10kW:DS
6160.3
ARGENTINA
RADIO MALARGUE
Malargüé
0.3kW:DS
6165 (con'd)
BRAZIL
RADIO CULTURA
São Paulo
7.5kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

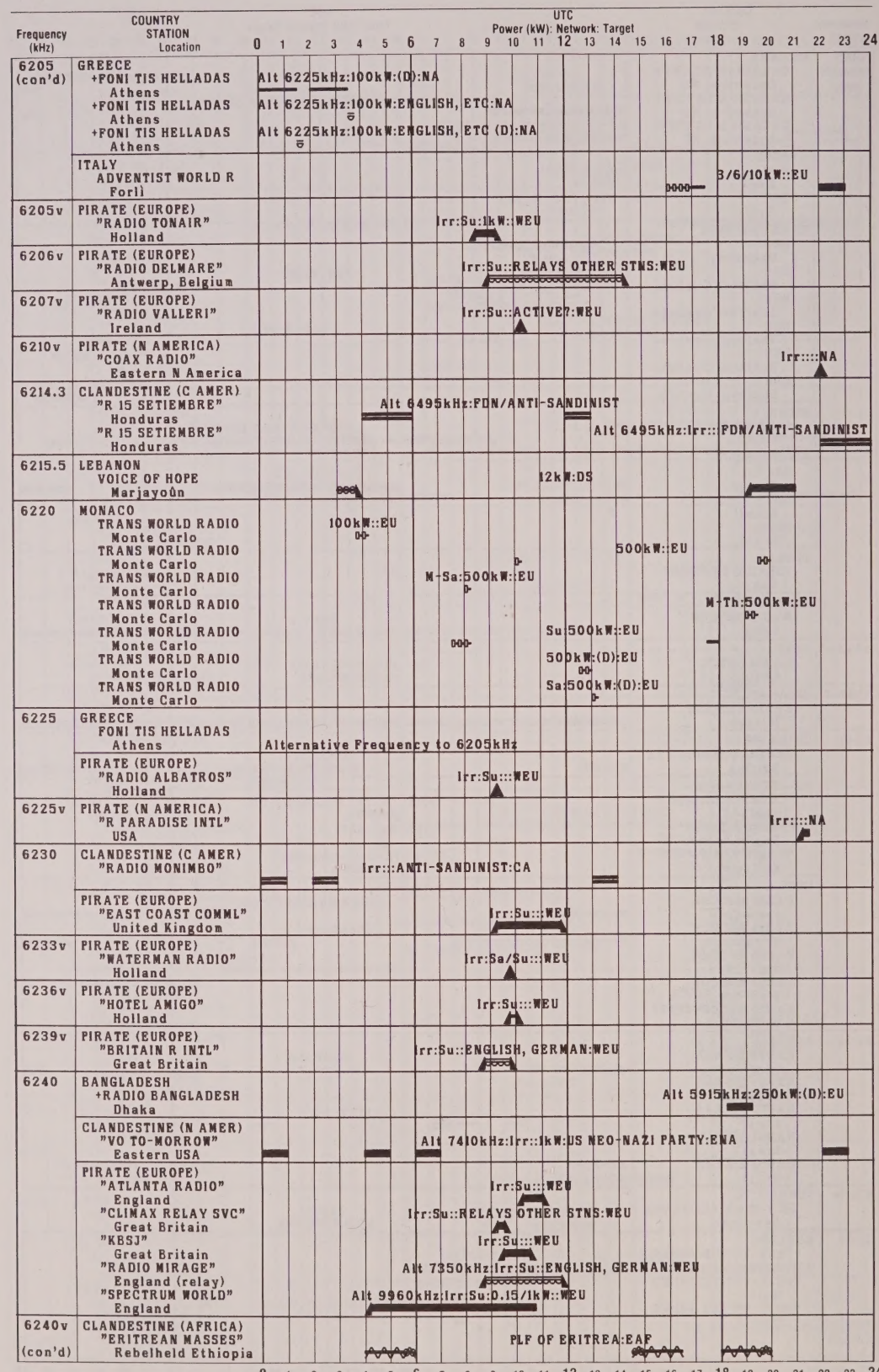

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6165 (con'd)
CANADA
CBC/BBC (MIX)
Sackville, NB
Irr:::SPR:2X6065KHZ-5965KHZ
CHINA (PR)
RADIO BEIJING
Kunming
50kW::SEA
RADIO BEIJING
Kunming
50kW:(D):USSR
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::NA/CA
ITALY
RTV ITALIANA
Rome
Alt 5980kHz:100kW::WUSSR
RTV ITALIANA
Rome
Alt 5980kHz:100kW::EU/NAF/ME
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::NAF/EU
MEXICO
LV AMERICA LATINA
México City
Irr::0.5kW:DS
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::ENA/CA
RADIO NEDERLAND
Bonaire
300kW::CA/SA
RADIO NEDERLAND
Bonaire
300kW::AM
RADIO NEDERLAND
Bonaire
300kW::WNA/CA
SWITZERLAND
SWISS BC CORP
Lenk
250kW:DS-DRS:EU/NAF
SWISS BC CORP
Lenk
250kW:DS-RSI:EU/NAF
SWISS BC CORP
Lenk
250kW:DS-RSR:EU/NAF
SWISS RADIO INTL
Lenk
250kW::EU/NAF
USSR
+RADIO KIEV
Kiev
100kW:(D):EU
RADIO MOSCOW/RP&P
Vladivostok
100kW:(D):EAS
ZAMBIA
RADIO ZAMBIA-ZBS
Lusaka
Irr::20kW:DS-ENGLISH, ETC
RADIO ZAMBIA-ZBS
Lusaka
Irr:F/Sa/Su:20kW:DS-ENGLISH, ETC
6170
COLOMBIA
LV DE LA SELVA
Florencia
Irr::1kW:DS
CUBA
RADIO MOSCOW/RP&P
Havana
Alt 6115kHz
FRENCH GUIANA
RFO-GUYANE
Cayenne
4kW:DS
GERMANY (FR)
DEUTSCHE WELLE
ΣEU
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Lampertheim
100kW::WUSSR
GREAT BRITAIN
RADIO CANADA INTL
Daventry
Alt 6000kHz:100kW::EU
RADIO CANADA INTL
Daventry
Alt 6000kHz:M-F:100kW::EU
INDIA
+ALL INDIA RADIO
Delhi
100kW:(D):SAS
ALL INDIA RADIO
Lucknow
10kW:DS
PHILIPPINES
MAHARLIKA BS
Marulas
10kW:DS-ENGLISH, ETC
USSR
RADIO MOSCOW
Armavir
100kW:DS-1
6170v
ALBANIA
RADIO TIRANA
Krujë
15kW::EU
6175 (con'd)
ANTIGUA
BBC
St John's
250kW:WS:AM
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

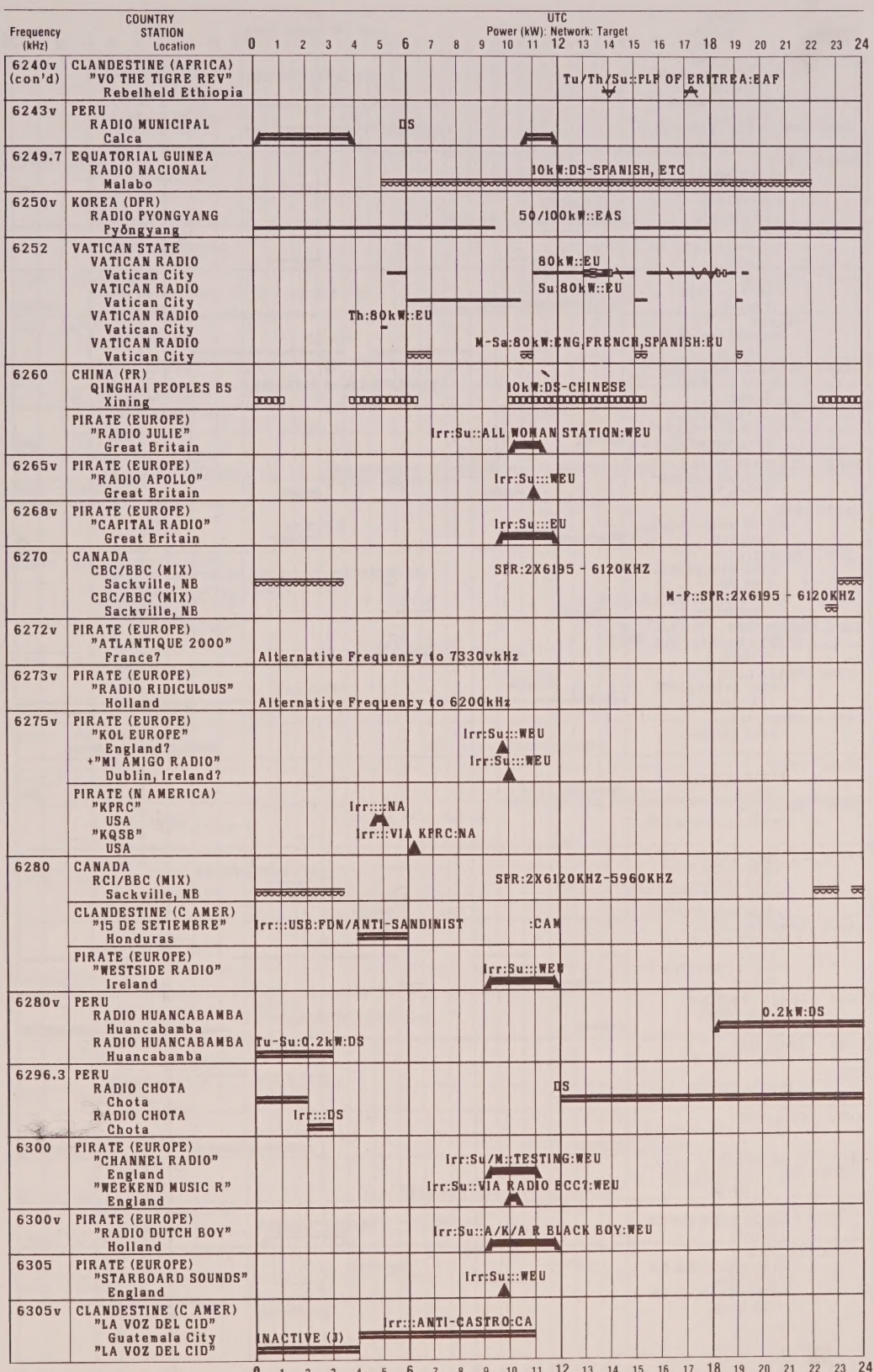

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6175 (con'd)
ANTIGUA
BBC
St John's
250kW:WS:WNA
BRAZIL
RADIO GUARANI
Belo Horizonte
10kW:DS
COSTA RICA
FARO DEL CARIBE
San José
2.5kW:DS
EGYPT
RADIO CAIRO
Kafr Sillm-Abis
250kW::ME
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NAF
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EU/NAF
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
JAPAN
NIPPON HOSO KYOKAI
Hiroshima
Irr::1kW:DS-2
NIPPON HOSO KYOKAI
Tôkyô-Shobu
Irr::0.9kW:USB:DS-1(FEEDER)
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
100kW::EAS
MALAYSIA
VOICE OF MALAYSIA
Kuala Lumpur
50kW::SEA
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::SAS
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::CA
USSR
BELORUSSIAN RADIO
Armavir
Su-F:100kW::EU
BELORUSSIAN RADIO
Armavir
100kW:1ST & 3RD SATS:EU
BELORUSSIAN RADIO
Armavir
100kW:2ND & 4TH SATS:EU
RADIO MOSCOW/RP&P
Armavir
100kW:N AMER (FEEDS BUL):EU
6175.3
BOLIVIA
RADIO INDOAMERICA
Potosí
Irr::1kW:DS
RADIO INDOAMERICA
Potosí
Irr::1kW:DS-SPANISH, ETC
6175.5
PERU
RADIO TAWANTINSUYO
Cuzco
Irr::5kW:DS-SPANISH, ETC
6176
CHINA (PR)
SHAANXI PEOPLES BS
Xi'an
15kW:DS
6179v
ARGENTINA
RADIO NACIONAL
Mendoza
1kW:DS
6180
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
2/50kW:PRC-2
CYPRUS
BBC
Zyyi
100kW::EU
BBC
Zyyi
250kW::ME
BBC
Zyyi
Su:100kW::EU/ME
BBC
Zyyi
100kW:WS:EU
BBC
Zyyi
250kW:WS:EU
BBC
Zyyi
250kW:WS:EU/NAF
BBC
Zyyi
M-Sa:100kW:WS:EU/ME
BBC
Zyyi
M-Sa:100kW:WS:EU
BBC
Zyyi
100kW:WS (D):EU
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
(con'd)
250kW::WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

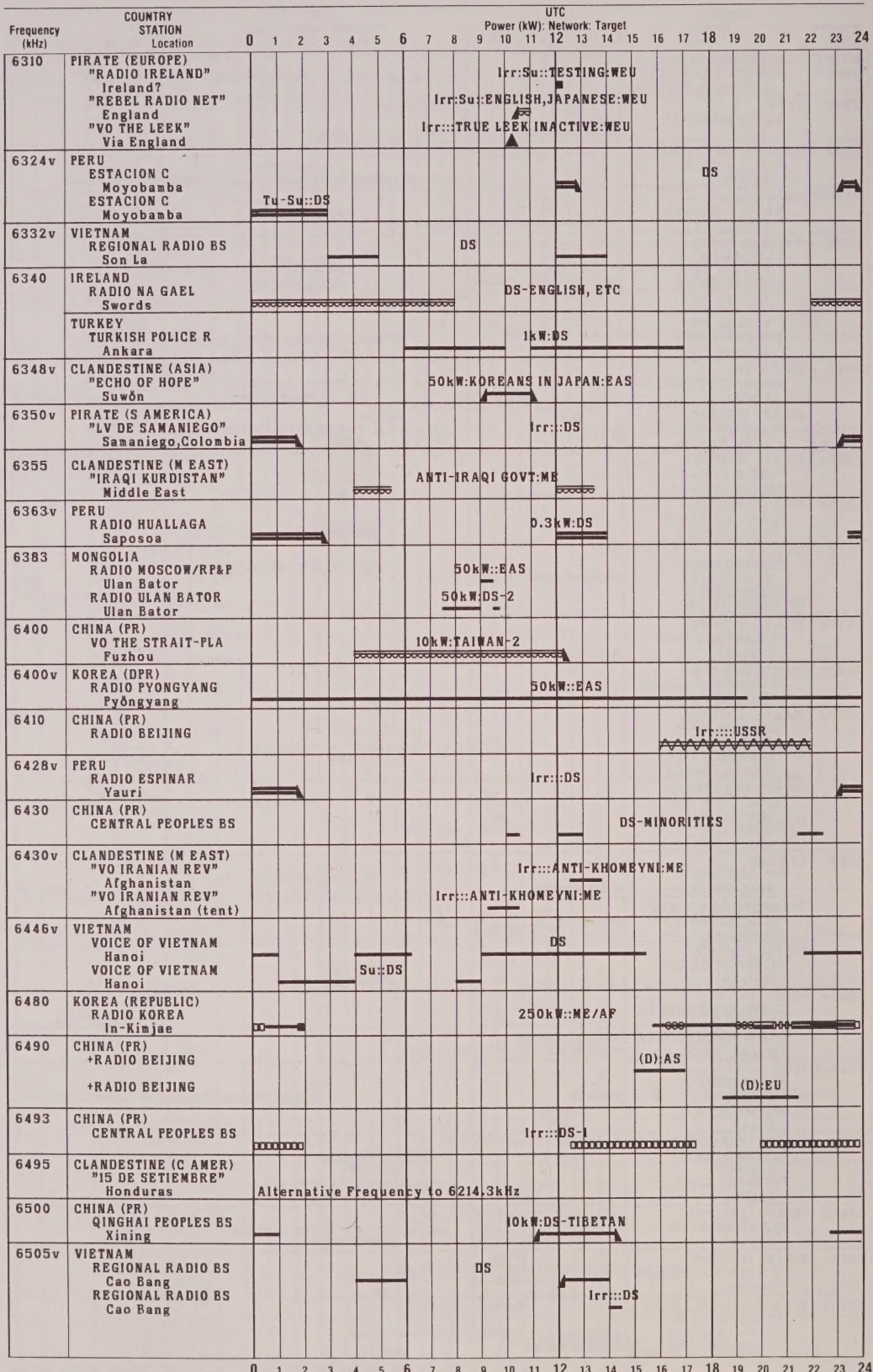

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6180 (con'd)
GREECE
VOICE OF AMERICA
Rhodes
50kW::ME
GUATEMALA
LV DE GUATEMALA
Guatemala City
Irr::1kW:DS
LV DE GUATEMALA
Guatemala City
Irr::1kW:FR(IRR) & SP, ENG:CA
LIBERIA
VOICE OF AMERICA
Monrovia
15/250kW::WAF
VOICE OF AMERICA
Monrovia
M-Sa:15/250kW::WAF
MOROCCO
VOICE OF AMERICA
Tangier
50kW::NAF
SENEGAL
ORT DU SENEGAL
Ziguinchor
4kW:DS-FRENCH, ETC
USSR
KAZAKH RADIO
Alma-Ata
100kW:DS-1
+RADIO MOSCOW/RP&P
Tula
100kW:(D):ME
+RADIO MOSCOW/RP&P
Tula
100kW:(D):NAF/ME
VENEZUELA
RADIO TURISMO
Valera
1kW:DS
6185
BRAZIL
RADIO BANDEIRANTES
São Paulo
10kW:DS
RADIO BANDEIRANTES
São Paulo
Irr::10kW:DS
CHINA (PR)
+RADIO BEIJING
Kunming
50kW:(D):SEA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
Irr::USB:(FEEDER):EAS
LIBYA
RADIO JAMAHIRIYA
Tripoli
Irr::100kW:DS-RAMADAN
RADIO JAMAHIRIYA
Tripoli
100kW:DS
MEXICO
RADIO EDUCACION
México City
Irr::1kW:DS
NAMIBIA
+SW AFRICA BC CORP
Windhoek
100kW:DS-ENGLISH,ETC (D)
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
VOICE OF AMERICA
Bamban-Tinang
250kW::EUSSR
SINGAPORE
BBC
Kranji
250kW::EAS
SRI LANKA
DEUTSCHE WELLE
Tricomalee
Irr::300kW::SEA
SRI LANKA BC CORP
Colombo
10kW:DS-SINHALA
USA
WRNO WORLDWIDE
New Orleans, La
100kW::ENA
WRNO WORLDWIDE
New Orleans, La
M-Sa:100kW::ENA
WRNO WORLDWIDE
New Orleans, La
Su:100kW::ENA
WRNO WORLDWIDE
New Orleans, La
Su:100kW:ENG, RUSSIAN, ETC:ENA
USSR
RADIO MINSK
Ryazan'
240kW:(D):EU
+RADIO MOSCOW/RP&P
Ryazan'
240kW:(D):EU
RS SOV BELORUSSIA
Ryazan'
Su-F:240kW::EU
RS SOV BELORUSSIA
Ryazan'
Sa:240kW:1ST & 3RD SATS:EU
RS SOV BELORUSSIA
Ryazan'
Sa:240kW:2ND & 4TH SATS:EU
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EU
VATICAN RADIO
Sta Maria Galeria
100kW::EU/WUSSR
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


+ Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6188v
PERU
RADIO ORIENTE
Yurimaguas
1kW:DS
6189v
INDONESIA
R REP INDONESIA
Manokwari
0.5kW:DS
6190
CHINA (PR)
RADIO BEIJING
Hohhot
50kW::EAS/EUSSR
GERMANY (FR)
FREIES BERLIN-SFB
Bremen
10kW:DS:EU
FREIES BERLIN-SFB
Bremen
Sa:10kW:DS:EU
FREIES BERLIN-SFB
Bremen
Su-F:10kW:DS:EU
RADIO BREMEN
Bremen
Sa:10kW:DS-HWB:EU
RADIO BREMEN
Bremen
Su-F:10kW:DS-HWB:EU
INDIA
ALL INDIA RADIO
Delhi
10kW:DS
IRAQ
RADIO BAGHDAD
Balad-Salah 'Deen
500kW::ME/AS
RADIO BAGHDAD
Balad-Salah 'Deen
500kW:DS:ME/AS
JAPAN
NIPPON HOSO KYOKAI
Osaka
Irr::0.5kW:DS-2
LESOTHO
BBC
Maseru
100kW::SAF
BBC
Maseru
100kW:AFRICAN:SAF
BBC
Maseru
100kW:WS:SAF
LIBERIA
VOICE OF AMERICA
Monrovia
Sa:250kW::EAF
ROMANIA
RADIO BUCHAREST
Bucharest
250kW:(D):EU
SWITZERLAND
SWISS RADIO INTL
Schwarzenburg
150kW::WEU
USA
VOICE OF AMERICA
Greenville, NC
250kW::CA/SA
USSR
RADIO MOSCOW
Nikolayevsk 'Amure
50kW:DS-1 (D):PAC
RADIO MOSCOW
Omsk
100kW:DS-2 (D)
RADIO MOSCOW/RP&P
Frunze
100kW::ME
RADIO TIKHIY OKEAN
Nikolayevsk 'Amure
50kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Nikolayevsk 'Amure
Sa:50kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Nikolayevsk 'Amure
Su-F:50kW:MARINERS (D):PAC
VATICAN STATE
VATICAN RADIO
Sta Maria di Galer
100kW::EU
VATICAN RADIO
Sta Maria di Galer
100kW::WEU/NAF
VATICAN RADIO
Sta Maria di Galer
M-Sa:100kW::EU
VATICAN RADIO
Sta Maria di Galer
Su:100kW::EU
6192v
INDONESIA
R REP INDONESIA
Padang
10kW:DS
6194.3
BOLIVIA
R NUEVA STENTOR
La Paz
10kW:DS
6195
ANTIGUA
BBC
St John's
250kW:WS:AM
BRAZIL
RADIO CAPITAL
Rio de Janeiro
Irr::7.5kW:DS
CANADA
CANADIAN BC CORP
Sackville, NB
M:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
M-F:100kW:DS-NORTHERN
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6195 (con'd)
CANADA
CANADIAN BC CORP Sackville, NB
CANADIAN BC CORP Sackville, NB
CANADIAN BC CORP Sackville, NB
Tu-Sa:100kW:DS-NORTHERN
Su:100kW:DS-NORTHERN
Sa:100kW:DS-NORTHERN
CYPRUS
BBC Zyyi
BBC Zyyi
250kW::SAS
F/Sa:250kW::SAS
GREAT BRITAIN
BBC Daventry
BBC Skelton, Cumbria
BBC Skelton, Cumbria
BBC Skelton, Cumbria
BBC Skelton, Cumbria
BBC Skelton, Cumbria
500kW::EEU/WUSSR
250kW::EU
Sa/Su:250kW::EU
250kW:WS:EU
M-F:250kW:WS:EU
250kW:WS (D):EU
NIGERIA
RIMA RADIO Sokoto
10kW:DS-ENGLISH, ETC
SINGAPORE
BBC Kranji
BBC Kranji
BBC Kranji
50kW::SEA
50kW:WS:SEA
100kW:WS:SAS
TURKEY
TURKISH RTV CORP Ankara
250kW::NAF
USSR
RADIO MOSCOW Baku
50kW:DS-2
6195v
PERU
RADIO CUZCO Cuzco
Irr::1kW:DS-SPANISH, ETC
6199.7
NICARAGUA
RADIO SANDINO Managua
1kW:DS
6200
CHINA (PR)
CENTRAL PEOPLES BS Beijing
50kW:DS-2
PIRATE (EUROPE)
"CHANNEL RADIO" England
"FALCON RADIO" England
"RADIO RIDICULOUS" Holland
Irr:Su/M::TESTING:WEU
Irr:Su:::WEU
Alt 6273kHz:Irr:Su:::WEU
USSR
RADIO MOSCOW Leningrad
RADIO MOSCOW Ul'yanovsk
RADIO MOSCOW Ulan-Ude
RADIO MOSCOW Ulan-Ude
RADIO MOSCOW/RP&P Ul'yanovsk
100kW:MARINERS:ATL
100kW:DS-1 (D)
50kW:DS-1 (D)
50kW:DS-2 (D)
100kW:(D):EEU
6200v
ALBANIA
RADIO TIRANA Krujë
RADIO TIRANA Krujë
RADIO TIRANA Krujë
RADIO TIRANA Krujë
RADIO TIRANA Krujë
50kW::AM
50kW::EU
15kW::EU
50kW::SEA
15/50kW::EU
6201v
PERU
LA VOZ DE HUAMANGA Ayacucho
2kW:DS
6205
ECUADOR
+HCJB-VO THE ANDES Quito
+HCJB-VO THE ANDES Quito
+HCJB-VO THE ANDES Quito
(con'd)
500kW:(D):EU
M-F:500kW:(D):EU
Sa/Su:500kW:(D):EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/日本
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6205 (con'd)
GREECE
+FONI TIS HELLADAS Athens
Alt 6225kHz:100kW:(D):NA
+FONI TIS HELLADAS Athens
Alt 6225kHz:100kW:ENGLISH, ETC:NA
+FONI TIS HELLADAS Athens
Alt 6225kHz:100kW:ENGLISH, ETC (D):NA
ITALY
ADVENTIST WORLD R Forlì
3/6/10kW::EU
6205v
PIRATE (EUROPE)
"RADIO TONAIR" Holland
Irr:Su:1kW::WEU
6206v
PIRATE (EUROPE)
"RADIO DELMARE" Antwerp, Belgium
Irr:Su::RELAYS OTHER STNS:WEU
6207v
PIRATE (EUROPE)
"RADIO VALLERI" Ireland
Irr:Su::ACTIVE?:WEU
6210v
PIRATE (N AMERICA)
"COAX RADIO" Eastern N America
Irr::::NA
6214.3
CLANDESTINE (C AMER)
"R 15 SETIEMBRE" Honduras
Alt 6495kHz:FDN/ANTI-SANDINIST
"R 15 SETIEMBRE" Honduras
Alt 6495kHz:Irr:::FDN/ANTI-SANDINIST
6215.5
LEBANON
VOICE OF HOPE Marjayoûn
12kW:DS
6220
MONACO
TRANS WORLD RADIO Monte Carlo
100kW::EU
TRANS WORLD RADIO Monte Carlo
500kW::EU
TRANS WORLD RADIO Monte Carlo
M-Sa:500kW::EU
TRANS WORLD RADIO Monte Carlo
M-Th:500kW::EU
TRANS WORLD RADIO Monte Carlo
Su:500kW::EU
TRANS WORLD RADIO Monte Carlo
500kW:(D):EU
TRANS WORLD RADIO Monte Carlo
Sa:500kW:(D):EU
6225
GREECE
FONI TIS HELLADAS Athens
Alternative Frequency to 6205kHz
PIRATE (EUROPE)
"RADIO ALBATROS" Holland
Irr:Su:::WEU
6225v
PIRATE (N AMERICA)
"R PARADISE INTL" USA
Irr::::NA
6230
CLANDESTINE (C AMER)
"RADIO MONIMBO"
Irr:::ANTI-SANDINIST:CA
PIRATE (EUROPE)
"EAST COAST COMML" United Kingdom
Irr:Su:::WEU
6233v
PIRATE (EUROPE)
"WATERMAN RADIO" Holland
Irr:Sa/Su:::WEU
6236v
PIRATE (EUROPE)
"HOTEL AMIGO" Holland
Irr:Su:::WEU
6239v
PIRATE (EUROPE)
"BRITAIN R INTL" Great Britain
Irr:Su::ENGLISH, GERMAN:WEU
6240
BANGLADESH
+RADIO BANGLADESH Dhaka
Alt 5915kHz:250kW:(D):EU
CLANDESTINE (N AMER)
"VO TO-MORROW" Eastern USA
Alt 7410kHz:Irr::1kW:US NEO-NAZI PARTY:ENA
PIRATE (EUROPE)
"ATLANTA RADIO" England
Irr:Su:::WEU
"CLIMAX RELAY SVC" Great Britain
Irr:Su::RELAYS OTHER STNS:WEU
"KBSJ" Great Britain
Irr:Su:::WEU
"RADIO MIRAGE" England (relay)
Alt 7350kHz:Irr:Su::ENGLISH, GERMAN:WEU
"SPECTRUM WORLD" England
Alt 9960kHz:Irr:Su:0.15/1kW::WEU
6240v (con'd)
CLANDESTINE (AFRICA)
"ERITREAN MASSES" Rebelheld Ethiopia
PLF OF ERITREA:EAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6240v (con'd)
CLANDESTINE (AFRICA) "VO THE TIGRE REV" Rebelheld Ethiopia
Tu/Th/Su::PLF OF ERITREA:EAF
6243v
PERU RADIO MUNICIPAL Calca
DS
6249.7
EQUATORIAL GUINEA RADIO NACIONAL Malabo
10kW:DS-SPANISH, ETC
6250v
KOREA (DPR) RADIO PYONGYANG Pyŏngyang
50/100kW::EAS
6252
VATICAN STATE VATICAN RADIO Vatican City VATICAN RADIO Vatican City VATICAN RADIO Vatican City VATICAN RADIO Vatican City
80kW::EU
Su:80kW::EU
Th:80kW::EU
M-Sa:80kW:ENG,FRENCH,SPANISH:EU
6260
CHINA (PR) QINGHAI PEOPLES BS Xining
10kW:DS-CHINESE
PIRATE (EUROPE) "RADIO JULIE" Great Britain
Irr:Su::ALL WOMAN STATION:WEU
6265v
PIRATE (EUROPE) "RADIO APOLLO" Great Britain
Irr:Su:::WEU
6268v
PIRATE (EUROPE) "CAPITAL RADIO" Great Britain
Irr:Su:::EU
6270
CANADA CBC/BBC (MIX) Sackville, NB CBC/BBC (MIX) Sackville, NB
SPR:2X6195 - 6120KHZ
M-F::SPR:2X6195 - 6120KHZ
6272v
PIRATE (EUROPE) "ATLANTIQUE 2000" France?
Alternative Frequency to 7330vkHz
6273v
PIRATE (EUROPE) "RADIO RIDICULOUS" Holland
Alternative Frequency to 6200kHz
6275v
PIRATE (EUROPE) "KOL EUROPE" England? +"MI AMIGO RADIO" Dublin, Ireland?
Irr:Su:::WEU
Irr:Su:::WEU
PIRATE (N AMERICA) "KPRC" USA "KQSB" USA
Irr::::NA
Irr:::VIA KFRC:NA
6280
CANADA RCI/BBC (MIX) Sackville, NB
SPR:2X6120KHZ-5960KHZ
CLANDESTINE (C AMER) "15 DE SETIEMBRE" Honduras
Irr:::USB:FDN/ANTI-SANDINIST :CAM
PIRATE (EUROPE) "WESTSIDE RADIO" Ireland
Irr:Su:::WEU
6280v
PERU RADIO HUANCABAMBA Huancabamba RADIO HUANCABAMBA Huancabamba
0.2kW:DS
Tu-Su:0.2kW:DS
6296.3
PERU RADIO CHOTA Chota RADIO CHOTA Chota
DS
Irr:::DS
6300
PIRATE (EUROPE) "CHANNEL RADIO" England "WEEKEND MUSIC R" England
Irr:Su/M::TESTING:WEU
Irr:Su::VIA RADIO ECC1:WEU
6300v
PIRATE (EUROPE) "RADIO DUTCH BOY" Holland
Irr:Su::A/K/A R BLACK BOY:WEU
6305
PIRATE (EUROPE) "STARBOARD SOUNDS" England
Irr:Su:::WEU
6305v
CLANDESTINE (C AMER) "LA VOZ DEL CID" Guatemala City "LA VOZ DEL CID"
Irr:::ANTI-CASTRO:CA
INACTIVE (J)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING /\/\ or / FADE-IN FADE-OUT + TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6310 PIRATE (EUROPE) "RADIO IRELAND" Ireland? "REBEL RADIO NET" England "VO THE LEEK" Via England
Irr:Su::TESTING:WEU
Irr:Su::ENGLISH,JAPANESE:WEU
Irr:::TRUE LEEK INACTIVE:WEU
6324v PERU ESTACION C Moyobamba ESTACION C Moyobamba
Tu-Su::DS
DS
6332v VIETNAM REGIONAL RADIO BS Son La
DS
6340 IRELAND RADIO NA GAEL Swords
DS-ENGLISH, ETC
TURKEY TURKISH POLICE R Ankara
1kW:DS
6348v CLANDESTINE (ASIA) "ECHO OF HOPE" Suwŏn
50kW:KOREANS IN JAPAN:EAS
6350v PIRATE (S AMERICA) "LV DE SAMANIEGO" Samaniego,Colombia
Irr:::DS
6355 CLANDESTINE (M EAST) "IRAQI KURDISTAN" Middle East
ANTI-IRAQI GOVT:ME
6363v PERU RADIO HUALLAGA Saposoa
0.3kW:DS
6383 MONGOLIA RADIO MOSCOW/RP&P Ulan Bator RADIO ULAN BATOR Ulan Bator
50kW::EAS
50kW:DS-2
6400 CHINA (PR) VO THE STRAIT-PLA Fuzhou
10kW:TAIWAN-2
6400v KOREA (DPR) RADIO PYONGYANG Pyŏngyang
50kW::EAS
6410 CHINA (PR) RADIO BEIJING
Irr:::::USSR
6428v PERU RADIO ESPINAR Yauri
Irr:::DS
6430 CHINA (PR) CENTRAL PEOPLES BS
DS-MINORITIES
6430v CLANDESTINE (M EAST) "VO IRANIAN REV" Afghanistan "VO IRANIAN REV" Afghanistan (tent)
Irr:::ANTI-KHOMEYNI:ME
Irr:::ANTI-KHOMEYNI:ME
6446v VIETNAM VOICE OF VIETNAM Hanoi VOICE OF VIETNAM Hanoi
DS
Su::DS
6480 KOREA (REPUBLIC) RADIO KOREA In-Kimjae
250kW::ME/AF
6490 CHINA (PR) +RADIO BEIJING +RADIO BEIJING
(D):AS
(D):EU
6493 CHINA (PR) CENTRAL PEOPLES BS
Irr:::DS-1
6495 CLANDESTINE (C AMER) "15 DE SETIEMBRE" Honduras
Alternative Frequency to 6214.3kHz
6500 CHINA (PR) QINGHAI PEOPLES BS Xining
10kW:DS-TIBETAN
6505v VIETNAM REGIONAL RADIO BS Cao Bang REGIONAL RADIO BS Cao Bang
DS
Irr:::DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
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OTHER
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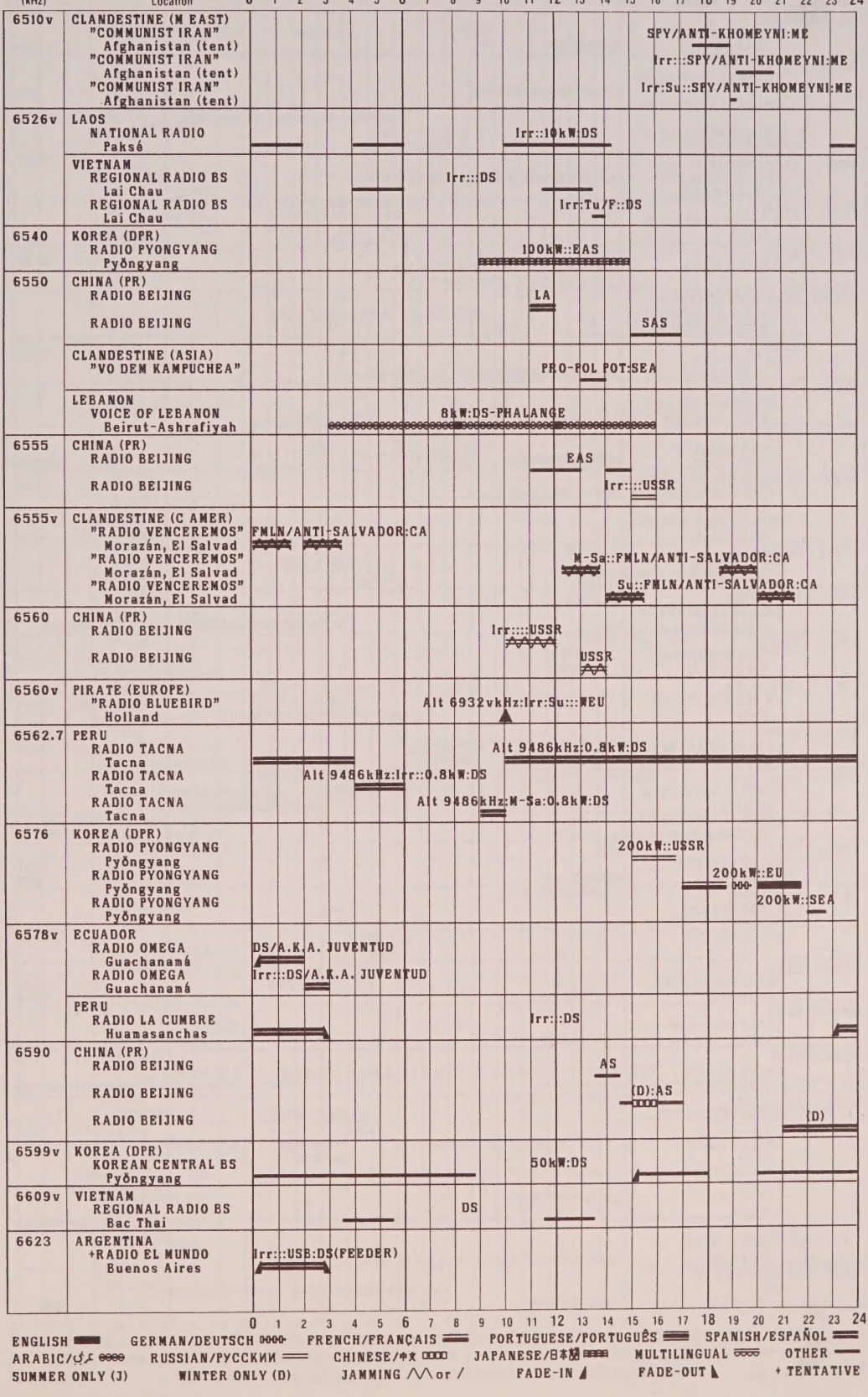
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6510v
CLANDESTINE (M EAST)
"COMMUNIST IRAN" Afghanistan (tent)
"COMMUNIST IRAN" Afghanistan (tent)
"COMMUNIST IRAN" Afghanistan (tent)
SPY/ANTI-KHOMEYNI:ME
Irr:::SPY/ANTI-KHOMEYNI:ME
Irr:Su::SPY/ANTI-KHOMEYNI:ME
6526v
LAOS
NATIONAL RADIO Paksé
Irr:::10kW:DS
VIETNAM
REGIONAL RADIO BS Lai Chau
REGIONAL RADIO BS Lai Chau
Irr:::DS
Irr:Tu/F::DS
6540
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
100kW::EAS
6550
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
LA
SAS
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
PRO-FOL POT:SEA
LEBANON
VOICE OF LEBANON Beirut-Ashrafiyah
8kW:DS-PHALANGE
6555
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
EAS
Irr:::USSR
6555v
CLANDESTINE (C AMER)
"RADIO VENCEREMOS" Morazán, El Salvad
"RADIO VENCEREMOS" Morazán, El Salvad
"RADIO VENCEREMOS" Morazán, El Salvad
FMLN/ANTI-SALVADOR:CA
M-Sa::FMLN/ANTI-SALVADOR:CA
Su:::FMLN/ANTI-SALVADOR:CA
6560
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
Irr::::USSR
USSR
6560v
PIRATE (EUROPE)
"RADIO BLUEBIRD" Holland
Alt 6932vkHz:Irr:Su:::NEU
6562.7
PERU
RADIO TACNA Tacna
RADIO TACNA Tacna
RADIO TACNA Tacna
Alt 9486kHz:0.8kW:DS
Alt 9486kHz:Irr:::0.8kW:DS
Alt 9486kHz:M-Sa:0.8kW:DS
6576
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
RADIO PYONGYANG Pyŏngyang
RADIO PYONGYANG Pyŏngyang
200kW::USSR
200kW::EU
200kW::SEA
6578v
ECUADOR
RADIO OMEGA Guachanamá
RADIO OMEGA Guachanamá
DS/A.K.A. JUVENTUD
Irr:::DS/A.K.A. JUVENTUD
PERU
RADIO LA CUMBRE Huamasanchas
Irr:::DS
6590
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
RADIO BEIJING
AS
(D):AS
(D)
6599v
KOREA (DPR)
KOREAN CENTRAL BS Pyŏngyang
50kW:DS
6609v
VIETNAM
REGIONAL RADIO BS Bac Thai
DS
6623
ARGENTINA
+RADIO EL MUNDO Buenos Aires
Irr:::USB:DS(FEEDER)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
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MULTILINGUAL
OTHER
SUMMER ONLY (J)
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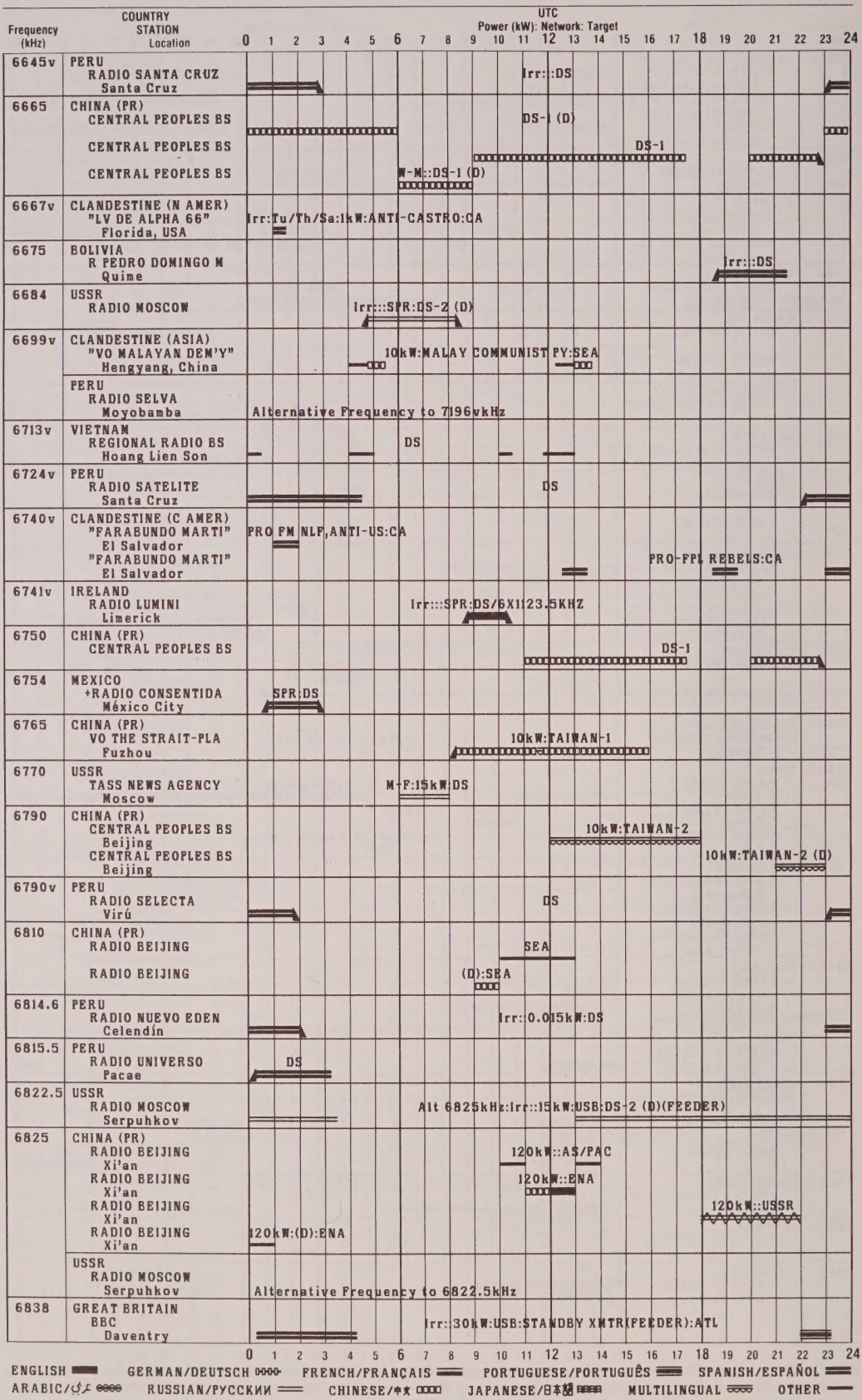
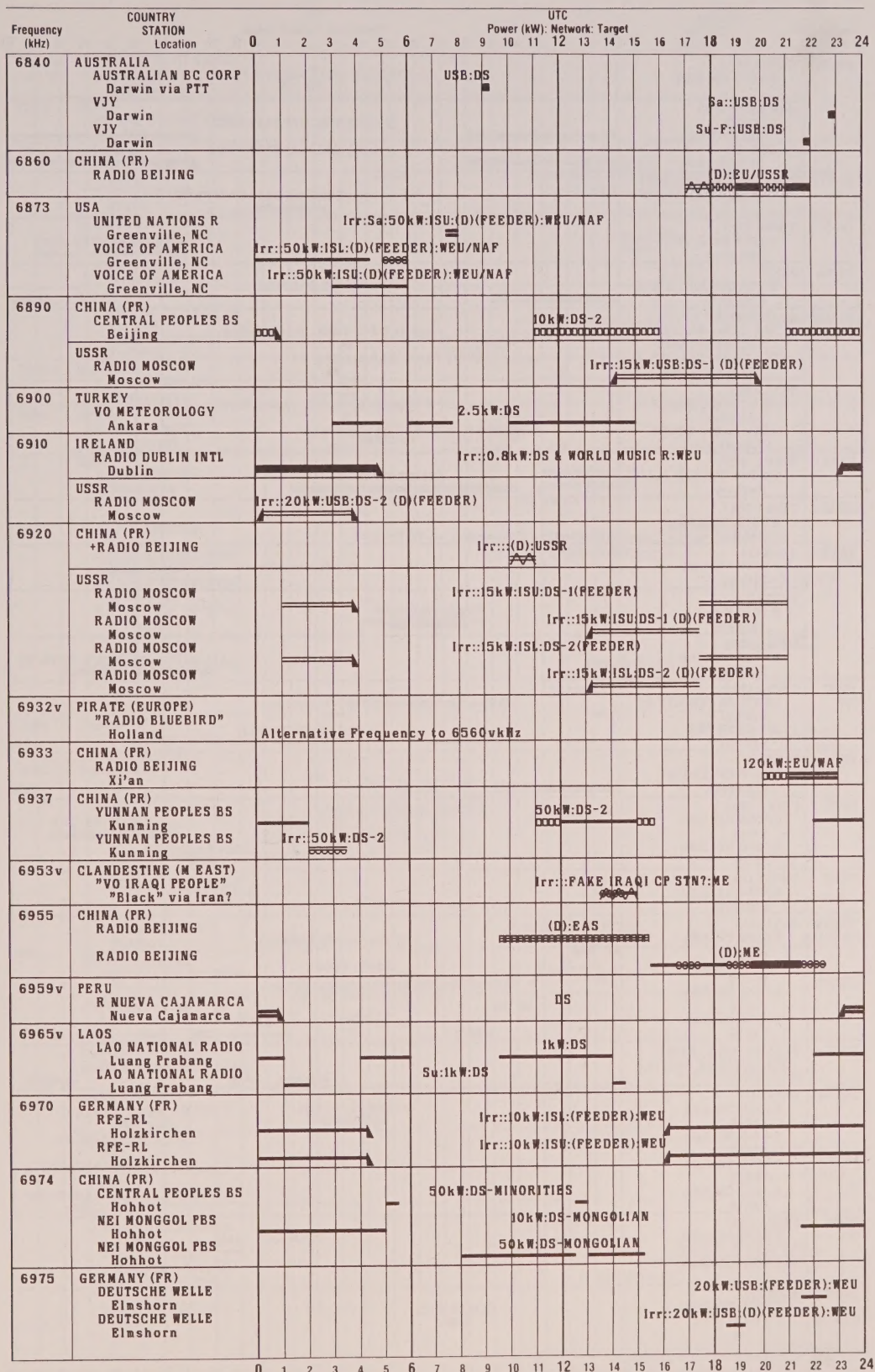
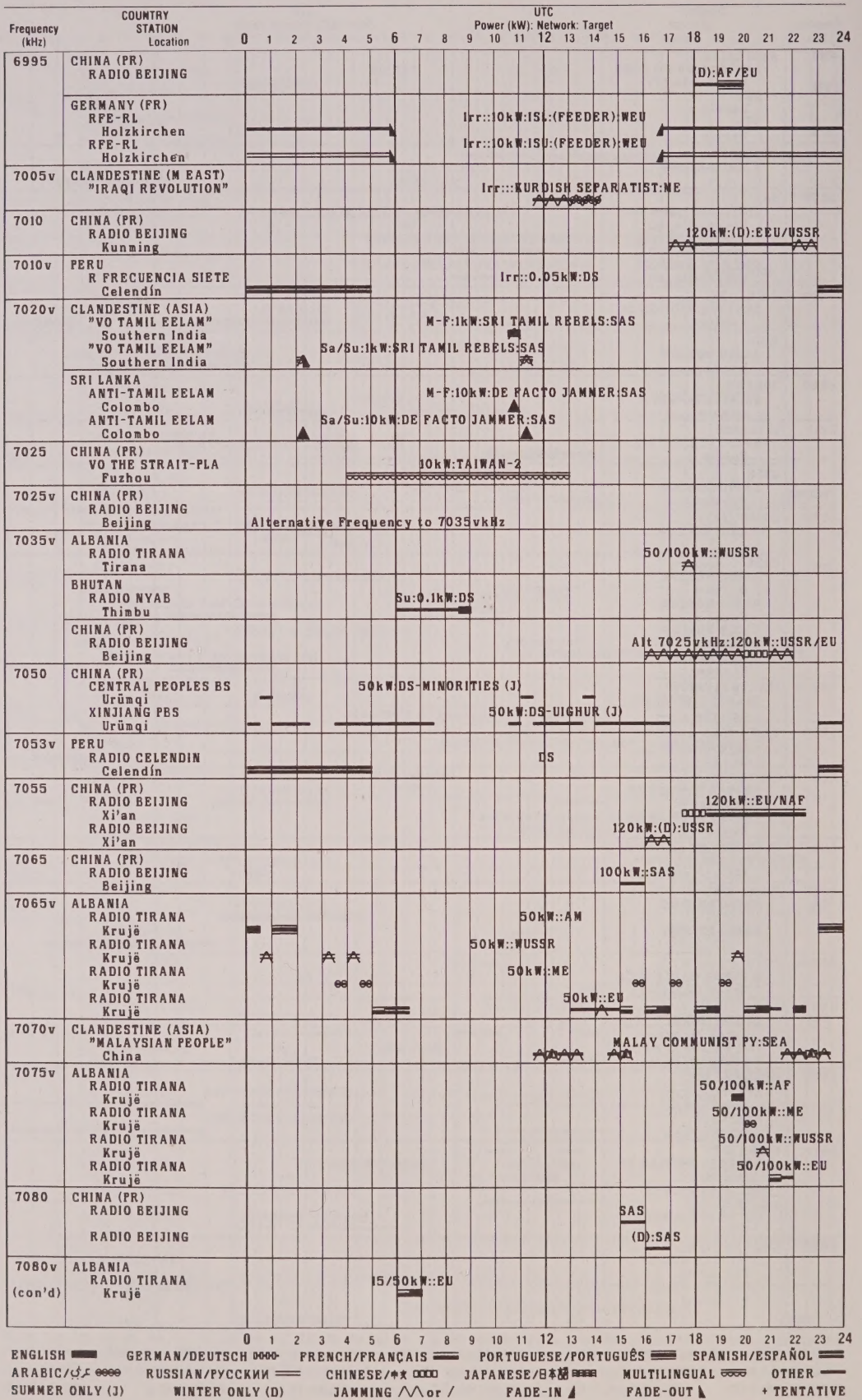
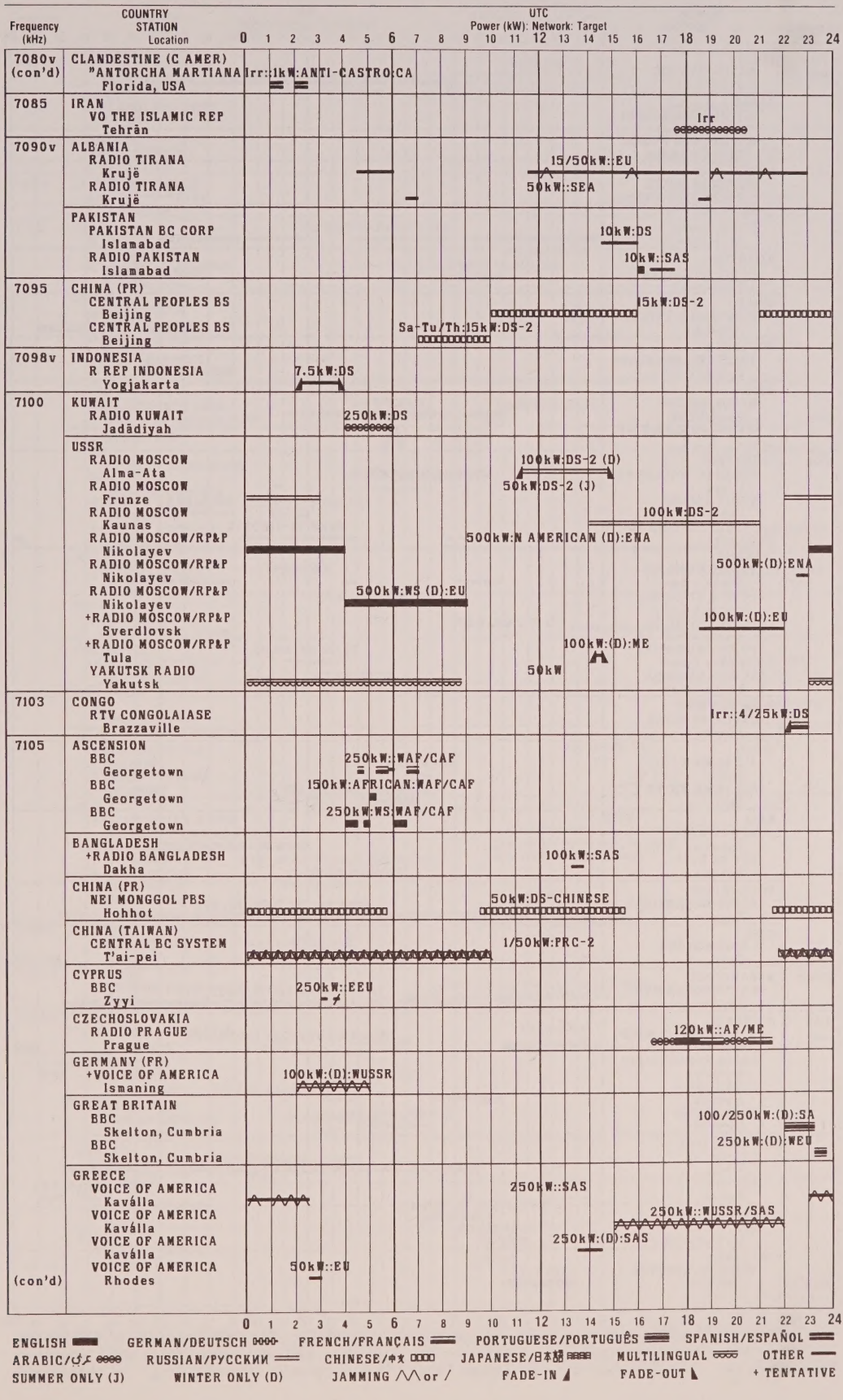
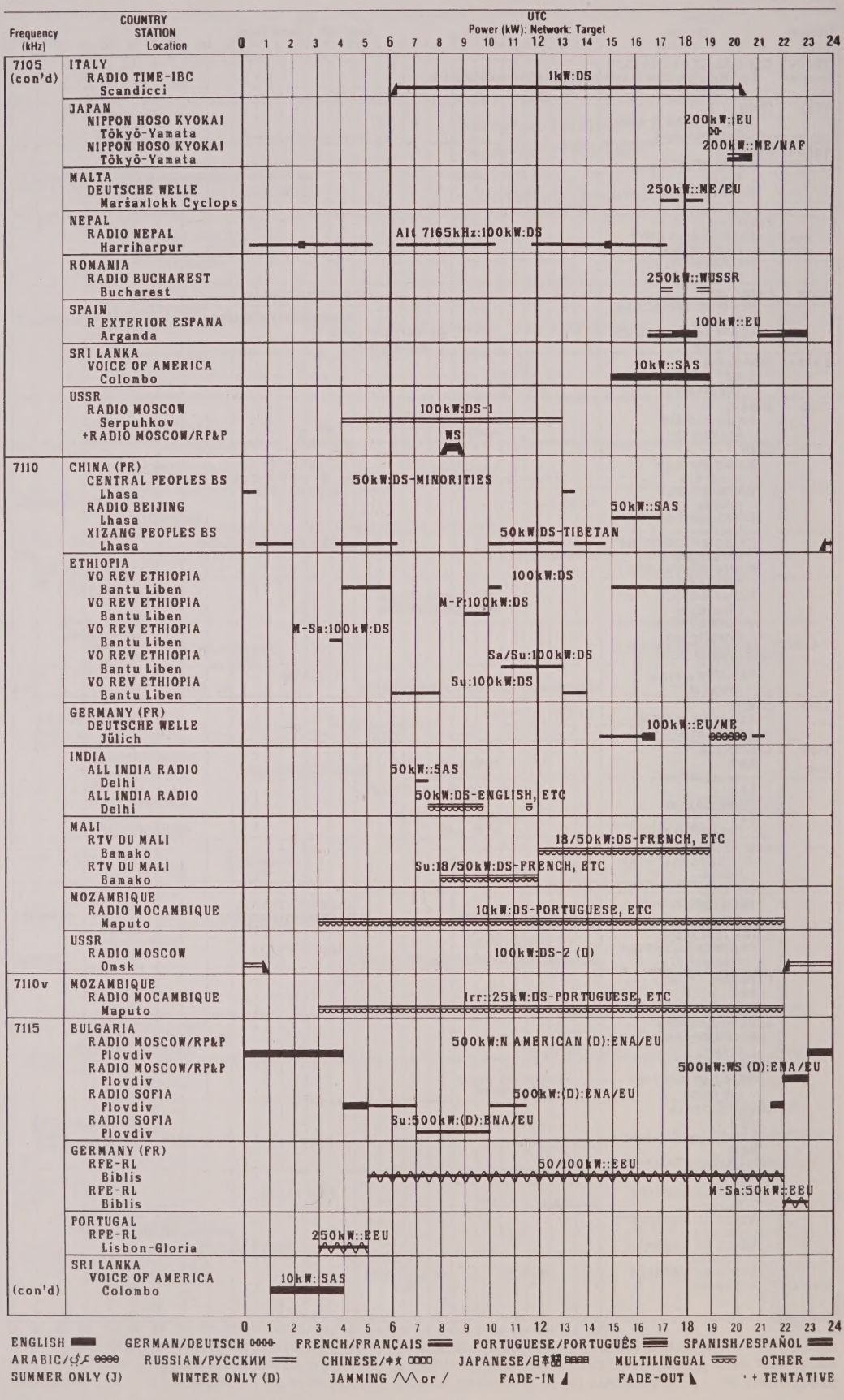
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

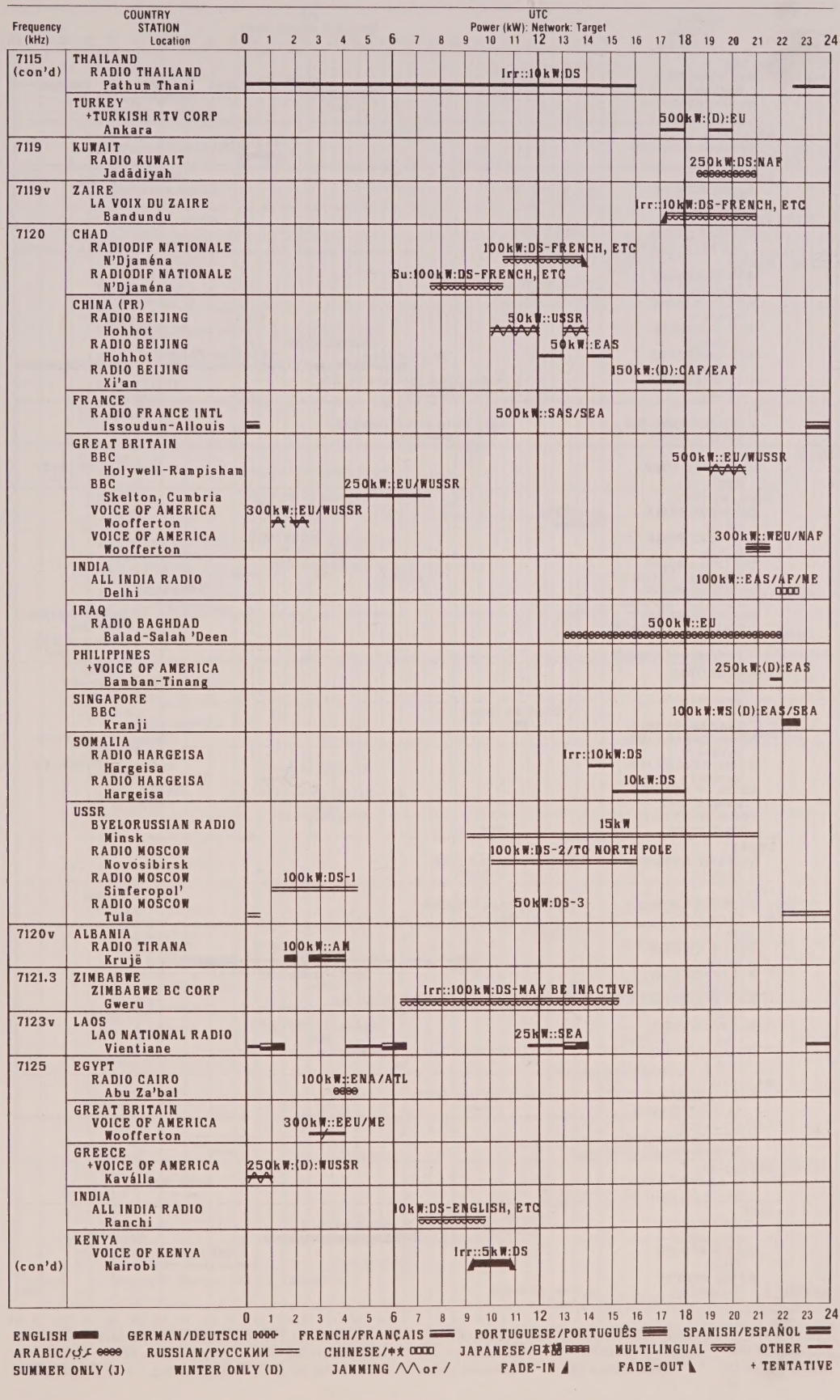

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6645v
PERU
RADIO SANTA CRUZ
Santa Cruz
Irr::DS
6665
CHINA (PR)
CENTRAL PEOPLES BS
DS-1 (D)
CENTRAL PEOPLES BS
DS-1
CENTRAL PEOPLES BS
W-M::DS-1 (D)
6667v
CLANDESTINE (N AMER)
"LV DE ALPHA 66"
Florida, USA
Irr:Tu/Th/Sa:1kW:ANTI-CASTRO:CA
6675
BOLIVIA
R PEDRO DOMINGO M
Quime
Irr::DS
6684
USSR
RADIO MOSCOW
Irr:::SPR:DS-2 (D)
6699v
CLANDESTINE (ASIA)
"VO MALAYAN DEM'Y"
Hengyang, China
10kW:MALAY COMMUNIST PY:SEA
PERU
RADIO SELVA
Moyobamba
Alternative Frequency to 7196vkHz
6713v
VIETNAM
REGIONAL RADIO BS
Hoang Lien Son
DS
6724v
PERU
RADIO SATELITE
Santa Cruz
DS
6740v
CLANDESTINE (C AMER)
"FARABUNDO MARTI"
El Salvador
PRO FM NLF,ANTI-US:CA
"FARABUNDO MARTI"
El Salvador
PRO-FPL REBELS:CA
6741v
IRELAND
RADIO LUMINI
Limerick
Irr:::SPR:DS/6X1123.5KHZ
6750
CHINA (PR)
CENTRAL PEOPLES BS
DS-1
6754
MEXICO
+RADIO CONSENTIDA
México City
SPR:DS
6765
CHINA (PR)
VO THE STRAIT-PLA
Fuzhou
10kW:TAIWAN-1
6770
USSR
TASS NEWS AGENCY
Moscow
M-F:15kW:DS
6790
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
10kW:TAIWAN-2
CENTRAL PEOPLES BS
Beijing
10kW:TAIWAN-2 (D)
6790v
PERU
RADIO SELECTA
Virú
DS
6810
CHINA (PR)
RADIO BEIJING
SEA
RADIO BEIJING
(D):SEA
6814.6
PERU
RADIO NUEVO EDEN
Celendín
Irr::0.015kW:DS
6815.5
PERU
RADIO UNIVERSO
Pacae
DS
6822.5
USSR
RADIO MOSCOW
Serpuhkov
Alt 6825kHz:Irr:::15kW:USB:DS-2 (D)(FEEDER)
6825
CHINA (PR)
RADIO BEIJING
Xi'an
120kW::AS/PAC
RADIO BEIJING
Xi'an
120kW::ENA
RADIO BEIJING
Xi'an
120kW::USSR
RADIO BEIJING
Xi'an
120kW:(D):ENA
USSR
RADIO MOSCOW
Serpuhkov
Alternative Frequency to 6822.5kHz
6838
GREAT BRITAIN
BBC
Daventry
Irr::30kW:USB:STANDBY XMTR(FEEDER):ATL
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6840
AUSTRALIA
AUSTRALIAN BC CORP Darwin via PTT
VJY Darwin
VJY Darwin
USB:DS
Sa::USB:DS
Su-F::USB:DS
6860
CHINA (PR)
RADIO BEIJING
(D):EU/USSR
6873
USA
UNITED NATIONS R Greenville, NC
VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
Irr:Sa:50kW:ISU:(D)(FEEDER):WEU/NAF
Irr::50kW:ISL:(D)(FEEDER):WEU/NAF
Irr::50kW:ISU:(D)(FEEDER):WEU/NAF
6890
CHINA (PR)
CENTRAL PEOPLES BS Beijing
10kW:DS-2
USSR
RADIO MOSCOW Moscow
Irr::15kW:USB:DS-1 (D)(FEEDER)
6900
TURKEY
VO METEOROLOGY Ankara
2.5kW:DS
6910
IRELAND
RADIO DUBLIN INTL Dublin
Irr::0.8kW:DS & WORLD MUSIC R:WEU
USSR
RADIO MOSCOW Moscow
Irr::20kW:USB:DS-2 (D)(FEEDER)
6920
CHINA (PR)
+RADIO BEIJING
Irr:::(D):USSR
USSR
RADIO MOSCOW Moscow
RADIO MOSCOW Moscow
RADIO MOSCOW Moscow
RADIO MOSCOW Moscow
Irr::15kW:ISU:DS-1(FEEDER)
Irr::15kW:ISU:DS-1 (D)(FEEDER)
Irr::15kW:ISL:DS-2(FEEDER)
Irr::15kW:ISL:DS-2 (D)(FEEDER)
6932v
PIRATE (EUROPE)
"RADIO BLUEBIRD"
Holland
Alternative Frequency to 6560vkHz
6933
CHINA (PR)
RADIO BEIJING Xi'an
120kW::EU/WAF
6937
CHINA (PR)
YUNNAN PEOPLES BS Kunming
YUNNAN PEOPLES BS Kunming
50kW:DS-2
Irr::50kW:DS-2
6953v
CLANDESTINE (M EAST)
"VO IRAQI PEOPLE"
"Black" via Iran?
Irr:::FAKE IRAQI CP STN?:ME
6955
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
(D):EAS
(D):ME
6959v
PERU
R NUEVA CAJAMARCA Nueva Cajamarca
DS
6965v
LAOS
LAO NATIONAL RADIO Luang Prabang
LAO NATIONAL RADIO Luang Prabang
1kW:DS
Su:1kW:DS
6970
GERMANY (FR)
RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr:::10kW:ISL:(FEEDER):WEU
Irr:::10kW:ISU:(FEEDER):WEU
6974
CHINA (PR)
CENTRAL PEOPLES BS Hohhot
NEI MONGGOL PBS Hohhot
NEI MONGGOL PBS Hohhot
50kW:DS-MINORITIES
10kW:DS-MONGOLIAN
50kW:DS-MONGOLIAN
6975
GERMANY (FR)
DEUTSCHE WELLE Elmshorn
DEUTSCHE WELLE Elmshorn
20kW:USB:(FEEDER):WEU
Irr::20kW:USB:(D)(FEEDER):WEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
· + TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6995
CHINA (PR) RADIO BEIJING
(D):AF/EU
GERMANY (FR) RFE-RL Holzkirchen
Irr:::10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
Irr:::10kW:ISU:(FEEDER):WEU
7005v
CLANDESTINE (M EAST) "IRAQI REVOLUTION"
Irr:::KURDISH SEPARATIST:ME
7010
CHINA (PR) RADIO BEIJING Kunming
120kW:(D):EEU/USSR
7010v
PERU R FRECUENCIA SIETE Celendín
Irr:::0.05kW:DS
7020v
CLANDESTINE (ASIA) "VO TAMIL EELAM" Southern India
M-F:1kW:SRI TAMIL REBELS:SAS
"VO TAMIL EELAM" Southern India
Sa/Su:1kW:SRI TAMIL REBELS:SAS
SRI LANKA ANTI-TAMIL EELAM Colombo
M-F:10kW:DE FACTO JAMMER:SAS
ANTI-TAMIL EELAM Colombo
Sa/Su:10kW:DE FACTO JAMMER:SAS
7025
CHINA (PR) VO THE STRAIT-PLA Fuzhou
10kW:TAIWAN-2
7025v
CHINA (PR) RADIO BEIJING Beijing
Alternative Frequency to 7035vkHz
7035v
ALBANIA RADIO TIRANA Tirana
50/100kW::WUSSR
BHUTAN RADIO NYAB Thimbu
Su:0.1kW:DS
CHINA (PR) RADIO BEIJING Beijing
Alt 7025vkHz:120kW::USSR/EU
7050
CHINA (PR) CENTRAL PEOPLES BS Urümqi
50kW:DS-MINORITIES (J)
XINJIANG PBS Urümqi
50kW:DS-UIGHUR (J)
7053v
PERU RADIO CELENDIN Celendín
DS
7055
CHINA (PR) RADIO BEIJING Xi'an
120kW::EU/NAF
RADIO BEIJING Xi'an
120kW:(D):USSR
7065
CHINA (PR) RADIO BEIJING Beijing
100kW::SAS
7065v
ALBANIA RADIO TIRANA Krujë
50kW::AM
RADIO TIRANA Krujë
50kW::WUSSR
RADIO TIRANA Krujë
50kW::ME
RADIO TIRANA Krujë
50kW::EU
7070v
CLANDESTINE (ASIA) "MALAYSIAN PEOPLE" China
MALAY COMMUNIST PY:SEA
7075v
ALBANIA RADIO TIRANA Krujë
50/100kW::AF
RADIO TIRANA Krujë
50/100kW::ME
RADIO TIRANA Krujë
50/100kW::WUSSR
RADIO TIRANA Krujë
50/100kW::EU
7080
CHINA (PR) RADIO BEIJING
SAS
RADIO BEIJING
(D):SAS
7080v (con'd)
ALBANIA RADIO TIRANA Krujë
15/50kW::EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7080v (con'd)
CLANDESTINE (C AMER)
"ANTORCHA MARTIANA
Florida, USA
Irr::1kW:ANTI-CASTRO:CA
7085
IRAN
VO THE ISLAMIC REP
Tehrān
Irr
7090v
ALBANIA
RADIO TIRANA
Krujë
RADIO TIRANA
Krujë
15/50kW::EU
50kW::SEA
PAKISTAN
PAKISTAN BC CORP
Islamabad
RADIO PAKISTAN
Islamabad
10kW:DS
10kW::SAS
7095
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
CENTRAL PEOPLES BS
Beijing
15kW:DS-2
Sa-Tu/Th:15kW:DS-2
7098v
INDONESIA
R REP INDONESIA
Yogjakarta
7.5kW:DS
7100
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW:DS
USSR
RADIO MOSCOW
Alma-Ata
RADIO MOSCOW
Frunze
RADIO MOSCOW
Kaunas
RADIO MOSCOW/RP&P
Nikolayev
RADIO MOSCOW/RP&P
Nikolayev
RADIO MOSCOW/RP&P
Nikolayev
+RADIO MOSCOW/RP&P
Sverdlovsk
+RADIO MOSCOW/RP&P
Tula
YAKUTSK RADIO
Yakutsk
100kW:DS-2 (D)
50kW:DS-2 (J)
100kW:DS-2
500kW:N AMERICAN (D):ENA
500kW:(D):ENA
500kW:WS (D):EU
100kW:(D):EU
100kW:(D):ME
50kW
7103
CONGO
RTV CONGOLAISE
Brazzaville
Irr::4/25kW:DS
7105
ASCENSION
BBC
Georgetown
BBC
Georgetown
BBC
Georgetown
250kW::WAF/CAF
150kW:AFRICAN:WAF/CAF
250kW:WS:WAF/CAF
BANGLADESH
+RADIO BANGLADESH
Dakha
100kW::SAS
CHINA (PR)
NEI MONGGOL PBS
Hohhot
50kW:DS-CHINESE
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
1/50kW:PRC-2
CYPRUS
BBC
Zyyi
250kW::EEU
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::AF/ME
GERMANY (FR)
+VOICE OF AMERICA
Ismaning
100kW:(D):WUSSR
GREAT BRITAIN
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
100/250kW:(D):SA
250kW:(D):WEU
GREECE
VOICE OF AMERICA
Kaválla
VOICE OF AMERICA
Kaválla
VOICE OF AMERICA
Kaválla
VOICE OF AMERICA
Rhodes
(con'd)
250kW::SAS
250kW::WUSSR/SAS
250kW:(D):SAS
50kW::EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7105 (con'd)
ITALY
RADIO TIME-IBC
Scandicci
1kW:DS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
200kW::EU
NIPPON HOSO KYOKAI
Tōkyō-Yamata
200kW::ME/NAF
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::ME/EU
NEPAL
RADIO NEPAL
Harriharpur
AIC 7165kHz:100kW:DS
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::WUSSR
SPAIN
R EXTERIOR ESPANA
Arganda
100kW::EU
SRI LANKA
VOICE OF AMERICA
Colombo
10kW::SAS
USSR
RADIO MOSCOW
Serpuhkov
+RADIO MOSCOW/RP&P
100kW:DS-1
WS
7110
CHINA (PR)
CENTRAL PEOPLES BS
Lhasa
50kW:DS-MINORITIES
RADIO BEIJING
Lhasa
50kW::SAS
XIZANG PEOPLES BS
Lhasa
50kW:DS-TIBETAN
ETHIOPIA
VO REV ETHIOPIA
Bantu Liben
100kW:DS
VO REV ETHIOPIA
Bantu Liben
M-F:100kW:DS
VO REV ETHIOPIA
Bantu Liben
M-Sa:100kW:DS
VO REV ETHIOPIA
Bantu Liben
Sa/Su:100kW:DS
VO REV ETHIOPIA
Bantu Liben
Su:100kW:DS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EU/ME
INDIA
ALL INDIA RADIO
Delhi
50kW::SAS
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
MALI
RTV DU MALI
Bamako
18/50kW:DS-FRENCH, ETC
RTV DU MALI
Bamako
Su:18/50kW:DS-FRENCH, ETC
MOZAMBIQUE
RADIO MOCAMBIQUE
Maputo
10kW:DS-PORTUGUESE, ETC
USSR
RADIO MOSCOW
Omsk
100kW:DS-2 (D)
7110v
MOZAMBIQUE
RADIO MOCAMBIQUE
Maputo
Irr::25kW:DS-PORTUGUESE, ETC
7115
BULGARIA
RADIO MOSCOW/RP&P
Plovdiv
500kW:N AMERICAN (D):ENA/EU
RADIO MOSCOW/RP&P
Plovdiv
500kW:WS (D):ENA/EU
RADIO SOFIA
Plovdiv
500kW:(D):ENA/EU
RADIO SOFIA
Plovdiv
Su:500kW:(D):ENA/EU
GERMANY (FR)
RFE-RL
Biblis
50/100kW::EEU
RFE-RL
Biblis
M-Sa:50kW::EEU
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
SRI LANKA
VOICE OF AMERICA
Colombo
(con'd)
10kW::SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7115 (con'd)
THAILAND
RADIO THAILAND
Pathum Thani
Irr::10kW:DS
TURKEY
+TURKISH RTV CORP
Ankara
500kW:(D):EU
7119
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW:DS:NAF
7119v
ZAIRE
LA VOIX DU ZAIRE
Bandundu
Irr::10kW:DS-FRENCH, ETC
7120
CHAD
RADIODIF NATIONALE
N'Djaména
RADIODIF NATIONALE
N'Djaména
100kW:DS-FRENCH, ETC
Su:100kW:DS-FRENCH, ETC
CHINA (PR)
RADIO BEIJING
Hohhot
RADIO BEIJING
Hohhot
RADIO BEIJING
Xi'an
50kW::USSR
50kW::EAS
150kW:(D):SAF/EAF
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::SAS/SEA
GREAT BRITAIN
BBC
Holywell-Rampisham
BBC
Skelton, Cumbria
VOICE OF AMERICA
Woofferton
VOICE OF AMERICA
Woofferton
500kW::EU/WUSSR
250kW::EU/WUSSR
300kW::EU/WUSSR
300kW::WEU/NAF
INDIA
ALL INDIA RADIO
Delhi
100kW::EAS/AF/ME
IRAQ
RADIO BAGHDAD
Balad-Salah 'Deen
500kW::EU
PHILIPPINES
+VOICE OF AMERICA
Bamban-Tinang
250kW:(D):EAS
SINGAPORE
BBC
Kranji
100kW:WS(D):EAS/SEA
SOMALIA
RADIO HARGEISA
Hargeisa
RADIO HARGEISA
Hargeisa
Irr::10kW:DS
10kW:DS
USSR
BYELORUSSIAN RADIO
Minsk
RADIO MOSCOW
Novosibirsk
RADIO MOSCOW
Simferopol'
RADIO MOSCOW
Tula
15kW
100kW:DS-2/TO NORTH POLE
100kW:DS-1
50kW:DS-3
7120v
ALBANIA
RADIO TIRANA
Krujë
100kW::AM
7121.3
ZIMBABWE
ZIMBABWE BC CORP
Gweru
Irr::100kW:DS-MAY BE INACTIVE
7123v
LAOS
LAO NATIONAL RADIO
Vientiane
25kW::SEA
7125
EGYPT
RADIO CAIRO
Abu Za'bal
100kW::ENA/ATL
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW::EEU/ME
GREECE
+VOICE OF AMERICA
Kaválla
250kW:(D):WUSSR
INDIA
ALL INDIA RADIO
Ranchi
10kW:DS-ENGLISH, ETC
KENYA
VOICE OF KENYA
Nairobi
(con'd)
Irr::5kW:DS
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
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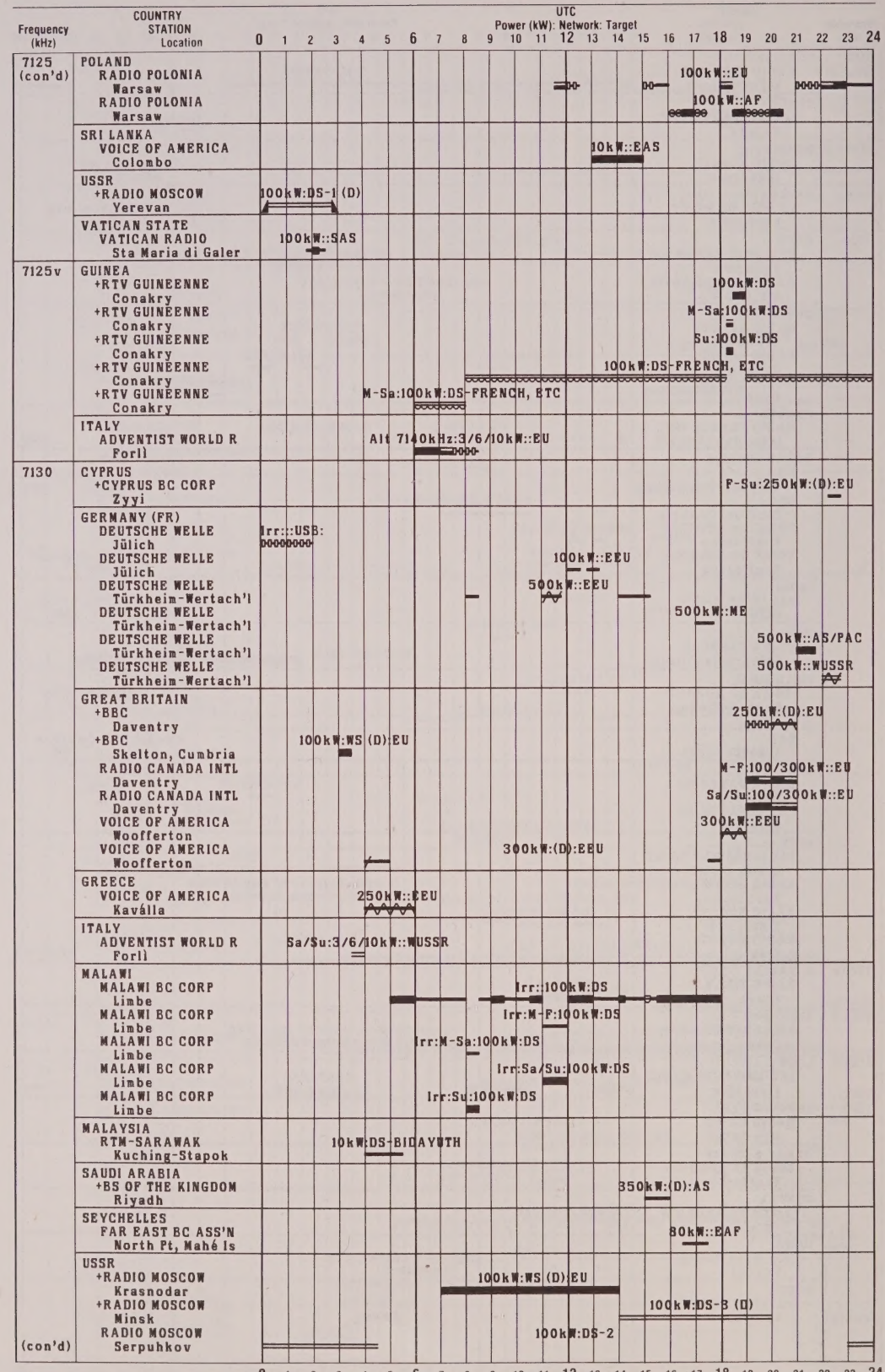
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7125 (con'd)
POLAND
RADIO POLONIA
Warsaw
100kW::EU
RADIO POLONIA
Warsaw
100kW::AF
SRI LANKA
VOICE OF AMERICA
Colombo
10kW::EAS
USSR
+RADIO MOSCOW
Yerevan
100kW:DS-1 (D)
VATICAN STATE
VATICAN RADIO
Sta Maria di Galer
100kW::SAS
7125v
GUINEA
+RTV GUINEENNE
Conakry
100kW:DS
M-Sa:100kW:DS
Su:100kW:DS
100kW:DS-FRENCH, ETC
M-Sa:100kW:DS-FRENCH, ETC
ITALY
ADVENTIST WORLD R
Forlì
Alt 7140kHz:3/6/10kW::EU
7130
CYPRUS
+CYPRUS BC CORP
Zyyi
F-Su:250kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE
Jülich
Irr:::USB:
DEUTSCHE WELLE
Jülich
100kW::EEU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EEU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AS/PAC
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
GREAT BRITAIN
+BBC
Daventry
250kW:(D):EU
+BBC
Skelton, Cumbria
100kW:WS (D):EU
RADIO CANADA INTL
Daventry
M-F:100/300kW::EU
RADIO CANADA INTL
Daventry
Sa/Su:100/300kW::EU
VOICE OF AMERICA
Woofferton
300kW::EEU
VOICE OF AMERICA
Woofferton
300kW:(D):EEU
GREECE
VOICE OF AMERICA
Kaválla
250kW::EEU
ITALY
ADVENTIST WORLD R
Forlì
Sa/Su:3/6/10kW::WUSSR
MALAWI
MALAWI BC CORP
Limbe
Irr::100kW:DS
MALAWI BC CORP
Limbe
Irr:M-F:100kW:DS
MALAWI BC CORP
Limbe
Irr:M-Sa:100kW:DS
MALAWI BC CORP
Limbe
Irr:Sa/Su:100kW:DS
MALAWI BC CORP
Limbe
Irr:Su:100kW:DS
MALAYSIA
RTM-SARAWAK
Kuching-Stapok
10kW:DS-BIDAYUTH
SAUDI ARABIA
+BS OF THE KINGDOM
Riyadh
350kW:(D):AS
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::EAF
USSR
+RADIO MOSCOW
Krasnodar
100kW:WS (D):EU
+RADIO MOSCOW
Minsk
100kW:DS-3 (D)
RADIO MOSCOW
Serpuhkov
100kW:DS-2
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
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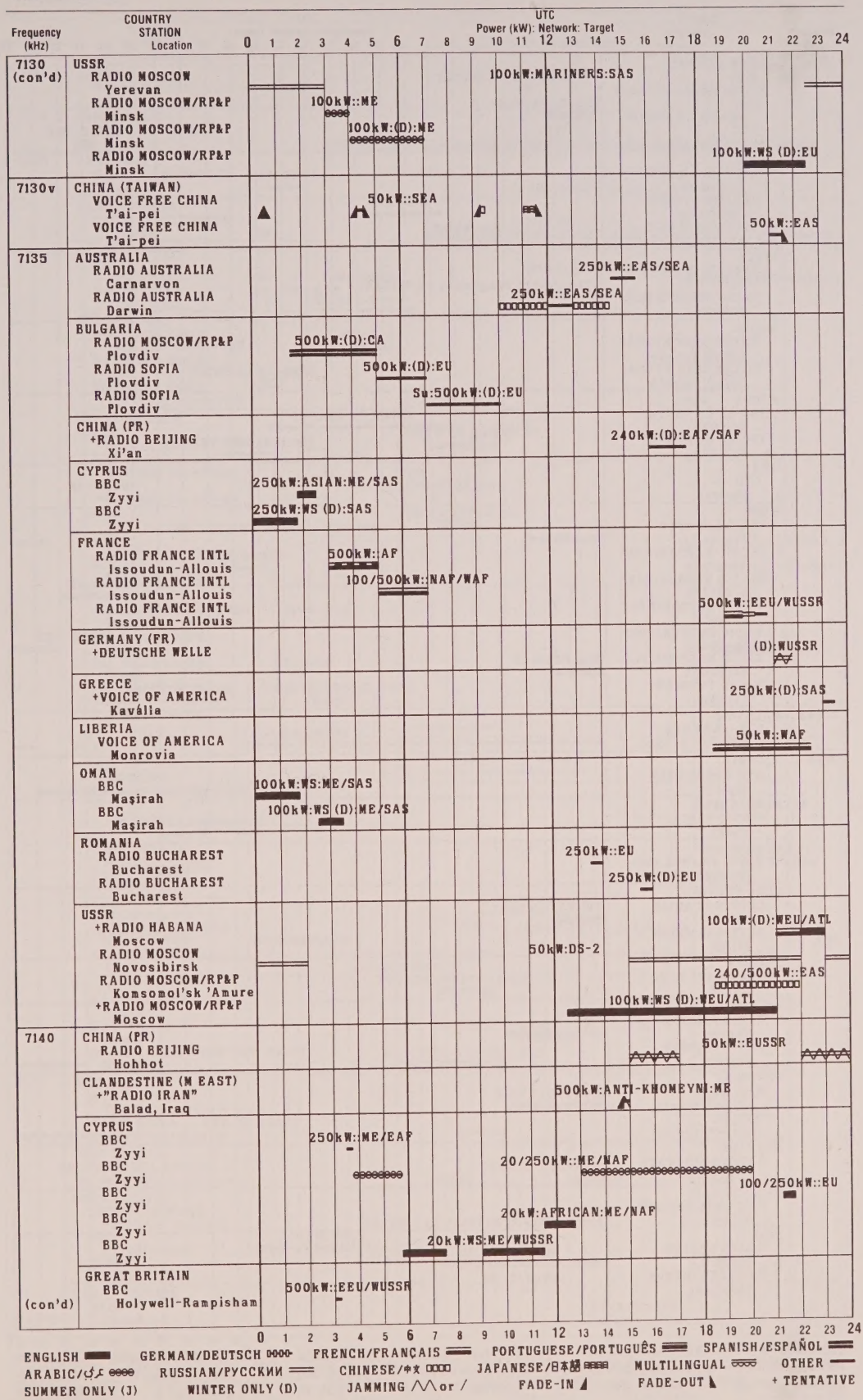
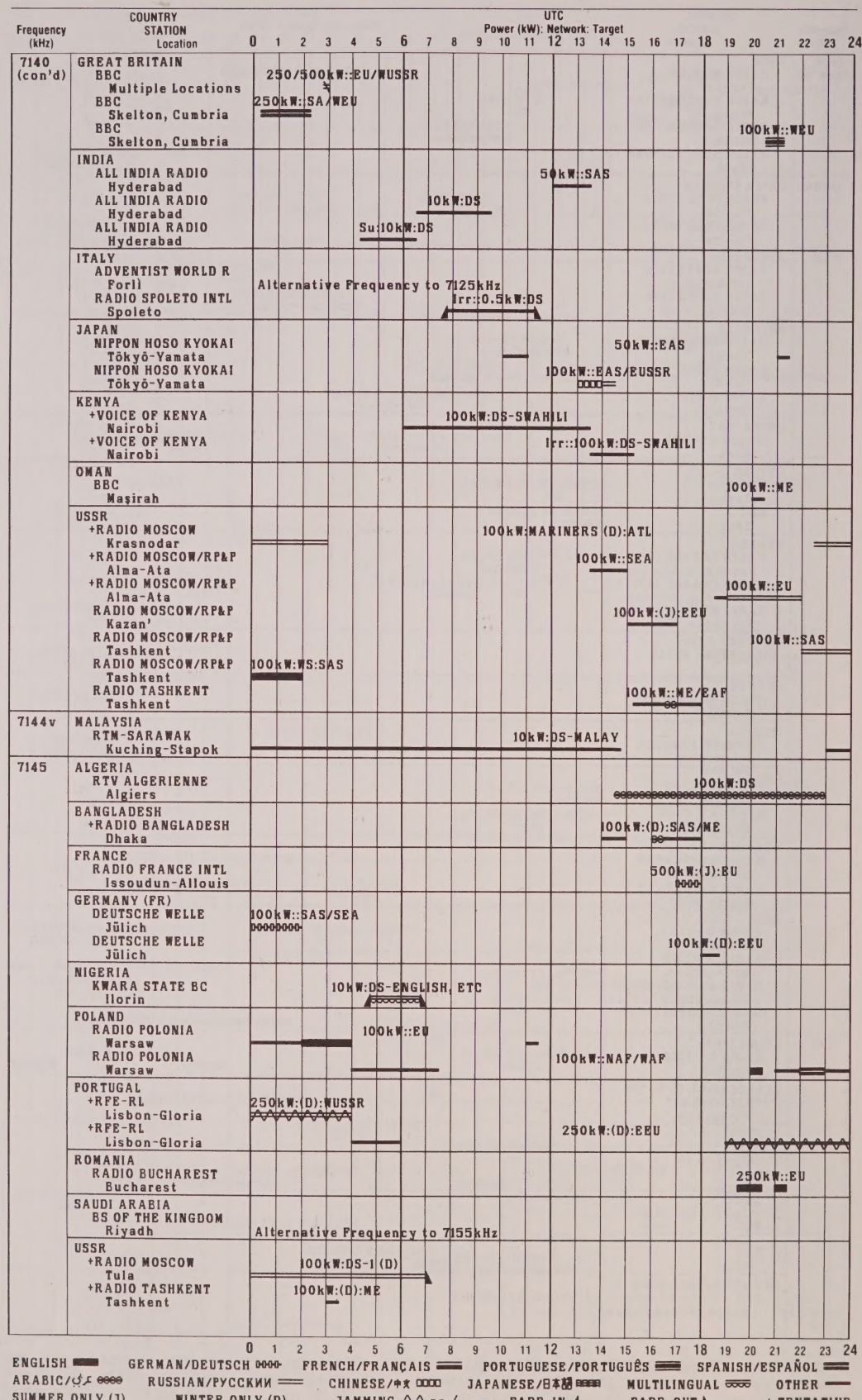
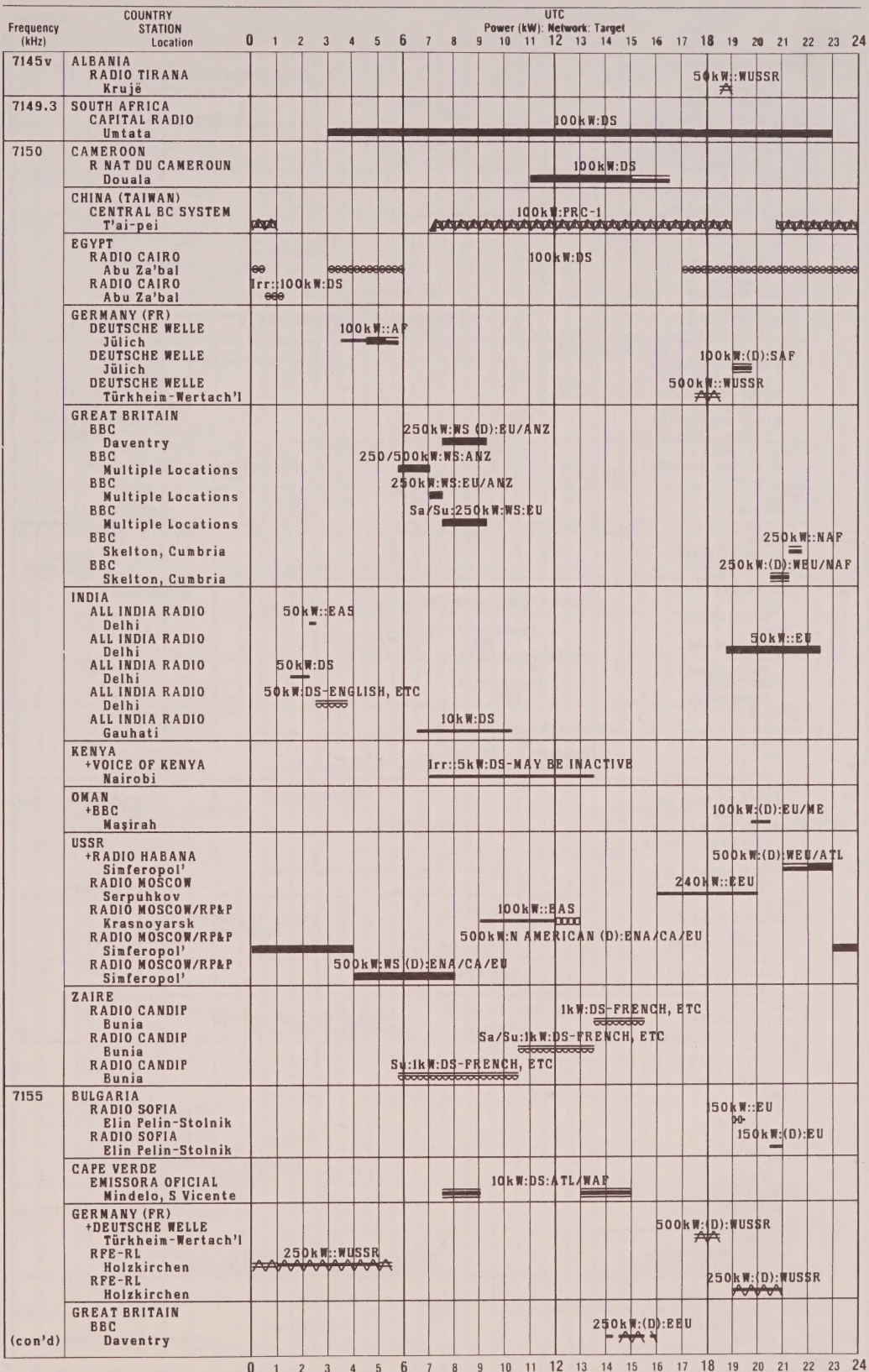
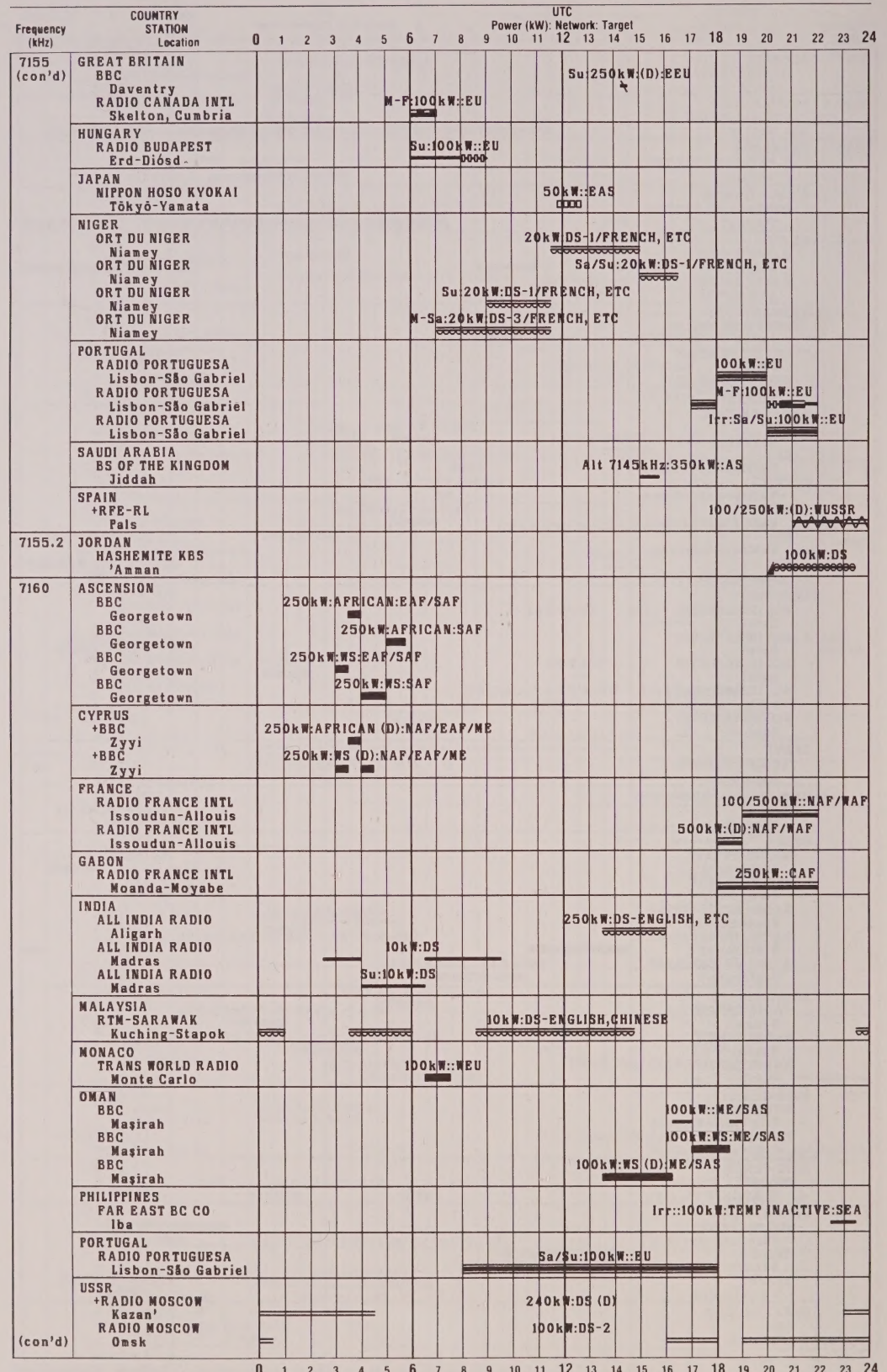
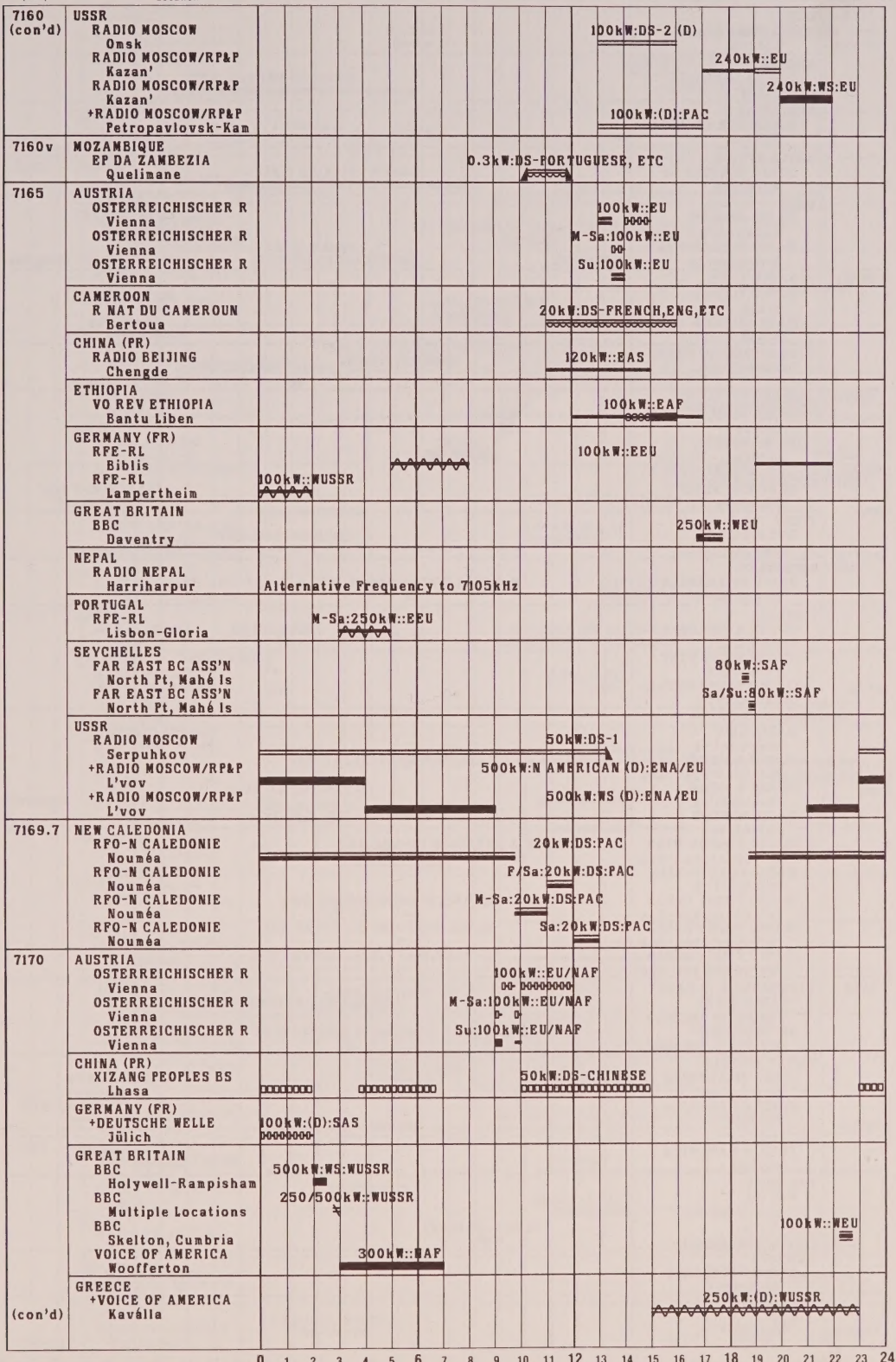
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀or /
FADE-IN
FADE-OUT
+ TENTATIVE

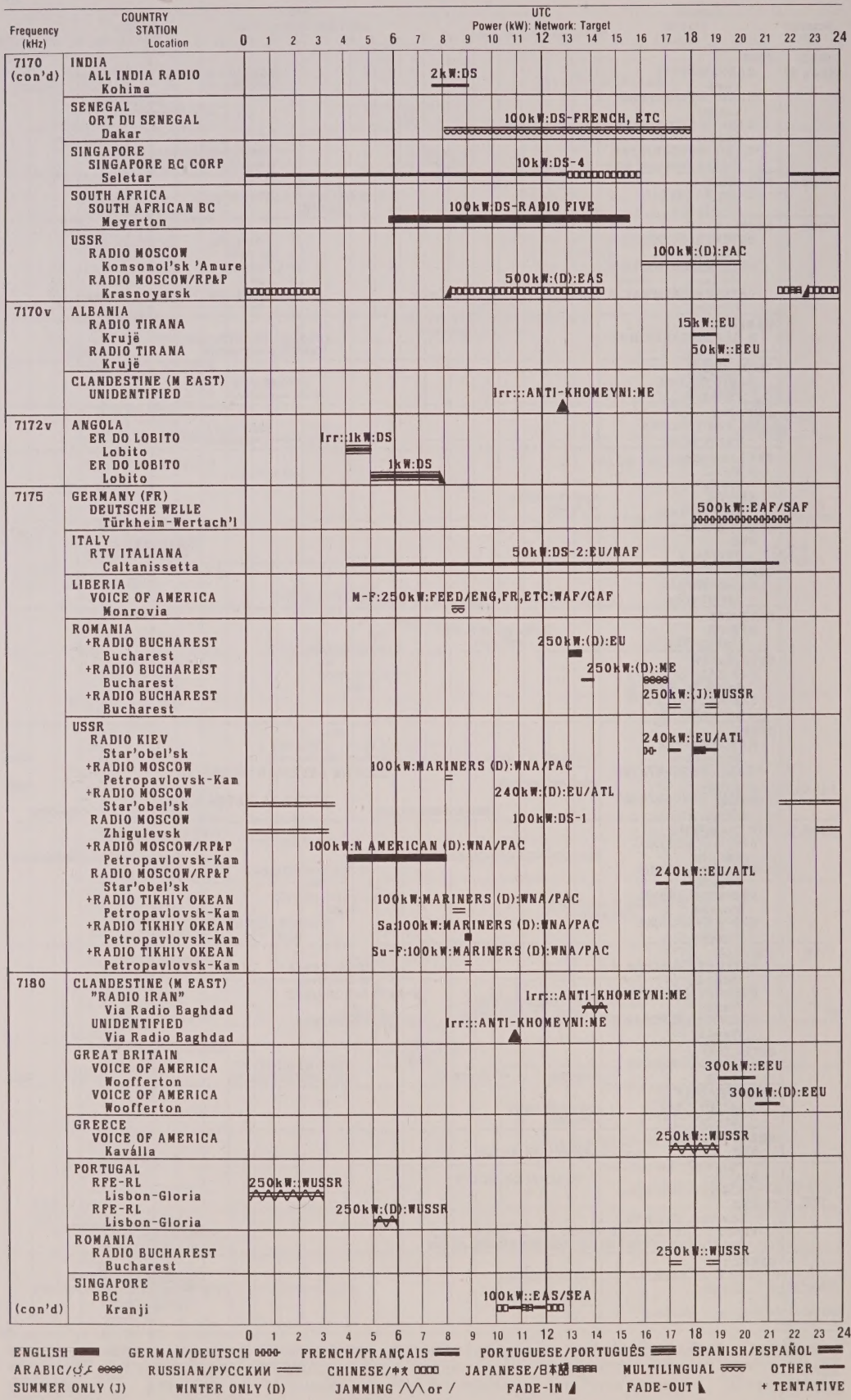

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7130 (con'd)
USSR
RADIO MOSCOW Yerevan
RADIO MOSCOW/RP&P Minsk
RADIO MOSCOW/RP&P Minsk
RADIO MOSCOW/RP&P Minsk
100kW::MARINERS:SAS
100kW::ME
100kW:(D):ME
100kW:WS (D):EU
7130v
CHINA (TAIWAN)
VOICE FREE CHINA T'ai-pei
VOICE FREE CHINA T'ai-pei
50kW::SEA
50kW::EAS
7135
AUSTRALIA
RADIO AUSTRALIA Carnarvon
RADIO AUSTRALIA Darwin
250kW::EAS/SEA
250kW::EAS/SEA
BULGARIA
RADIO MOSCOW/RP&P Plovdiv
RADIO SOFIA Plovdiv
RADIO SOFIA Plovdiv
500kW:(D):CA
500kW:(D):EU
Su:500kW:(D):EU
CHINA (PR)
+RADIO BEIJING Xi'an
240kW:(D):EAF/SAF
CYPRUS
BBC Zyyi
BBC Zyyi
250kW:ASIAN:ME/SAS
250kW:WS (D):SAS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
RADIO FRANCE INTL Issoudun-Allouis
RADIO FRANCE INTL Issoudun-Allouis
500kW::AF
100/500kW::NAF/WAF
500kW::EEU/WUSSR
GERMANY (FR)
+DEUTSCHE WELLE
(D):WUSSR
GREECE
+VOICE OF AMERICA Kavália
250kW:(D):SAS
LIBERIA
VOICE OF AMERICA Monrovia
50kW::WAF
OMAN
BBC Maşirah
BBC Maşirah
100kW:WS:ME/SAS
100kW:WS (D):ME/SAS
ROMANIA
RADIO BUCHAREST Bucharest
RADIO BUCHAREST Bucharest
250kW::EU
250kW:(D):EU
USSR
+RADIO HABANA Moscow
RADIO MOSCOW Novosibirsk
RADIO MOSCOW/RP&P Komsomol'sk 'Amure
+RADIO MOSCOW/RP&P Moscow
100kW:(D):WEU/ATL
50kW:DS-2
240/500kW::EAS
100kW:WS (D):WEU/ATL
7140
CHINA (PR)
RADIO BEIJING Hohhot
50kW::EUSSR
CLANDESTINE (M EAST)
+"RADIO IRAN" Balad, Iraq
500kW:ANTI-KHOMEYNI:ME
CYPRUS
BBC Zyyi
BBC Zyyi
BBC Zyyi
BBC Zyyi
BBC Zyyi
250kW::ME/EAF
20/250kW::ME/NAF
100/250kW::EU
20kW:AFRICAN:ME/NAF
20kW:WS:ME/WUSSR
GREAT BRITAIN
BBC Holywell-Rampisham (con'd)
500kW::EEU/WUSSR
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

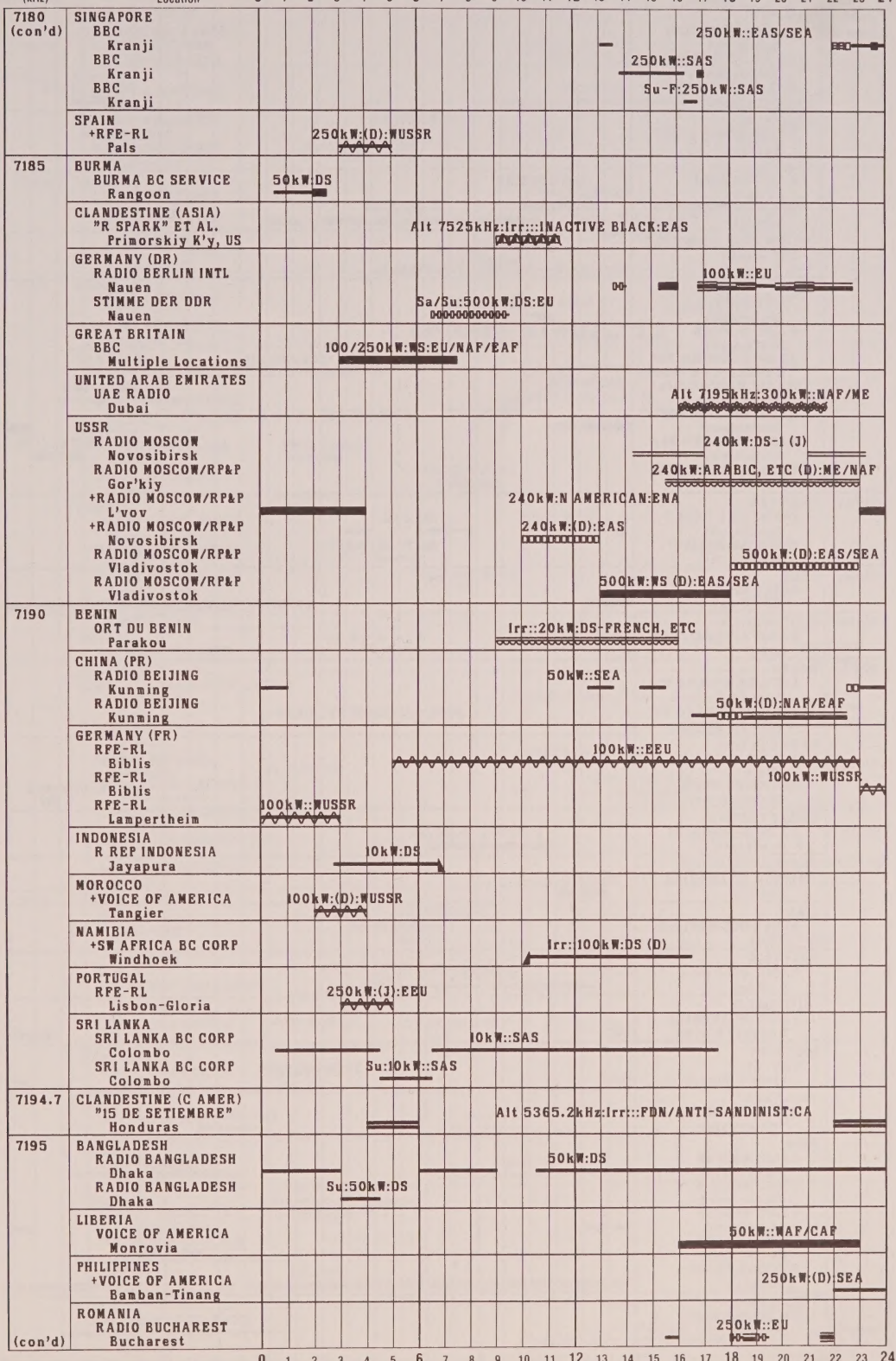

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7140 (con'd)
GREAT BRITAIN
BBC
Multiple Locations
250/500kW::EU/WUSSR
BBC
Skelton, Cumbria
250kW::SA/WEU
BBC
Skelton, Cumbria
100kW::WEU
INDIA
ALL INDIA RADIO
Hyderabad
50kW::SAS
ALL INDIA RADIO
Hyderabad
10kW:DS
ALL INDIA RADIO
Hyderabad
Su:10kW:DS
ITALY
ADVENTIST WORLD R
Forlì
Alternative Frequency to 7125kHz
RADIO SPOLETO INTL
Spoleto
Irr::0.5kW:DS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
50kW::EAS
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::EAS/EUSSR
KENYA
+VOICE OF KENYA
Nairobi
100kW:DS-SWAHILI
+VOICE OF KENYA
Nairobi
Irr::100kW:DS-SWAHILI
OMAN
BBC
Maşirah
100kW::ME
USSR
+RADIO MOSCOW
Krasnodar
100kW:MARINERS (D):ATL
+RADIO MOSCOW/RP&P
Alma-Ata
100kW::SEA
+RADIO MOSCOW/RP&P
Alma-Ata
100kW::EU
RADIO MOSCOW/RP&P
Kazan'
100kW:(J):EEU
RADIO MOSCOW/RP&P
Tashkent
100kW::SAS
RADIO MOSCOW/RP&P
Tashkent
100kW:WS:SAS
RADIO TASHKENT
Tashkent
100kW::ME/EAF
7144v
MALAYSIA
RTM-SARAWAK
Kuching-Stapok
10kW:DS-MALAY
7145
ALGERIA
RTV ALGERIENNE
Algiers
100kW:DS
BANGLADESH
+RADIO BANGLADESH
Dhaka
100kW:(D):SAS/ME
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW:(J):EU
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::SAS/SEA
DEUTSCHE WELLE
Jülich
100kW:(D):EEU
NIGERIA
KWARA STATE BC
Ilorin
10kW:DS-ENGLISH, ETC
POLAND
RADIO POLONIA
Warsaw
100kW::EU
RADIO POLONIA
Warsaw
100kW::NAF/WAF
PORTUGAL
+RFE-RL
Lisbon-Gloria
250kW:(D):WUSSR
+RFE-RL
Lisbon-Gloria
250kW:(D):EEU
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::EU
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
Alternative Frequency to 7155kHz
USSR
+RADIO MOSCOW
Tula
100kW:DS-1 (D)
+RADIO TASHKENT
Tashkent
100kW:(D):ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

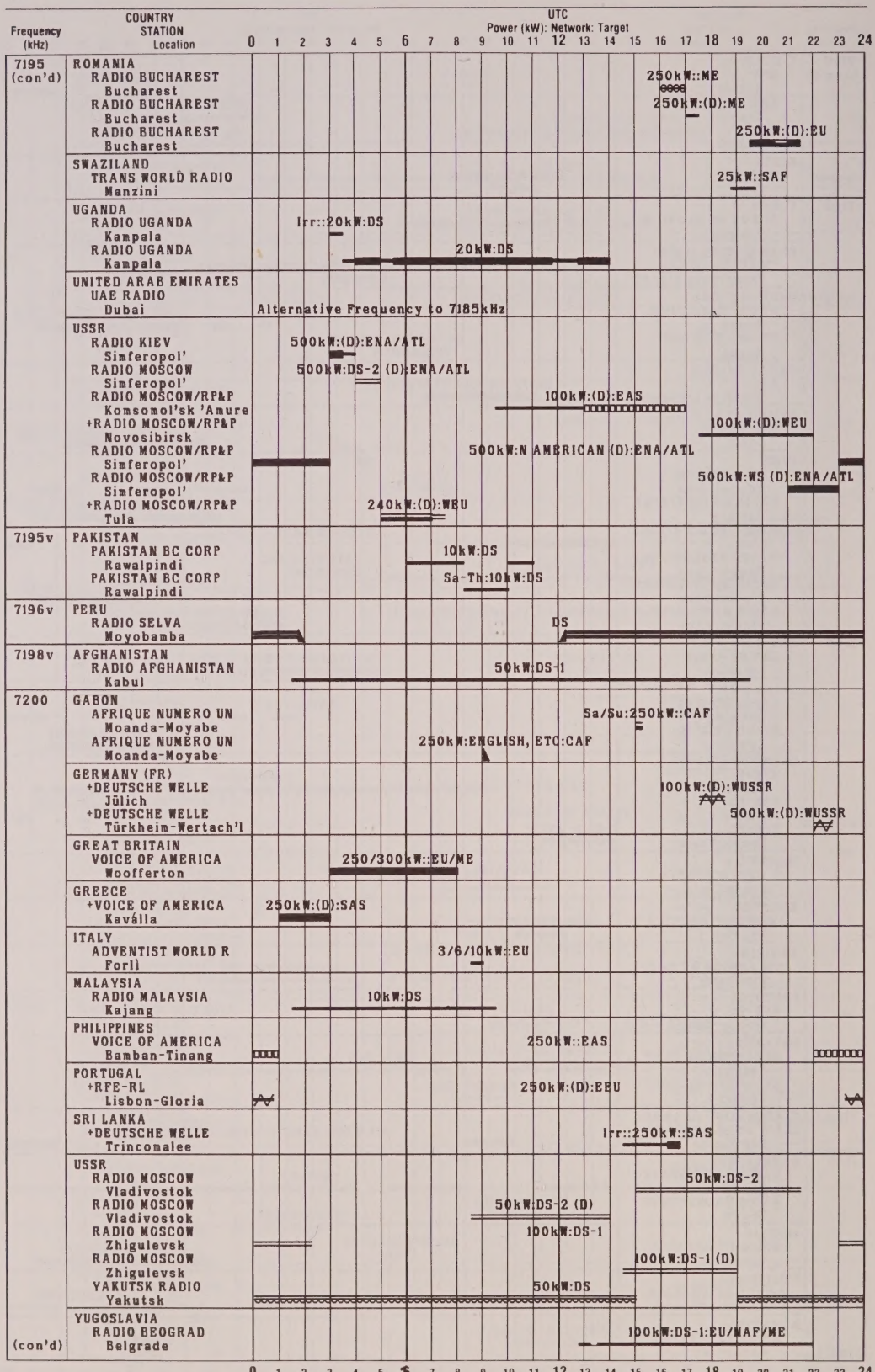

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7145v
ALBANIA
RADIO TIRANA
Krujë
50kW::WUSSR
7149.3
SOUTH AFRICA
CAPITAL RADIO
Umtata
100kW:DS
7150
CAMEROON
R NAT DU CAMEROUN
Douala
100kW:DS
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
100kW:PRC-1
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS
RADIO CAIRO
Abu Za'bal
Irr::100kW:DS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::AF
DEUTSCHE WELLE
Jülich
100kW:(D):SAF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
GREAT BRITAIN
BBC
Daventry
250kW:WS (D):EU/ANZ
BBC
Multiple Locations
250/500kW:WS:ANZ
BBC
Multiple Locations
250kW:WS:EU/ANZ
BBC
Multiple Locations
Sa/Su:250kW:WS:EU
BBC
Skelton, Cumbria
250kW::NAF
BBC
Skelton, Cumbria
250kW:(D):WEU/NAF
INDIA
ALL INDIA RADIO
Delhi
50kW::EAS
ALL INDIA RADIO
Delhi
50kW::EU
ALL INDIA RADIO
Delhi
50kW:DS
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
ALL INDIA RADIO
Gauhati
10kW:DS
KENYA
+VOICE OF KENYA
Nairobi
Irr::5kW:DS-MAY BE INACTIVE
OMAN
+BBC
Maşirah
100kW:(D):EU/ME
USSR
+RADIO HABANA
Simferopol'
500kW:(D):WEU/ATL
RADIO MOSCOW
Serpuhkov
240kW::EEU
RADIO MOSCOW/RP&P
Krasnoyarsk
100kW::EAS
RADIO MOSCOW/RP&P
Simferopol'
500kW:N AMERICAN (D):ENA/CA/EU
RADIO MOSCOW/RP&P
Simferopol'
500kW:WS (D):ENA/CA/EU
ZAIRE
RADIO CANDIP
Bunia
1kW:DS-FRENCH, ETC
RADIO CANDIP
Bunia
Sa/Su:1kW:DS-FRENCH, ETC
RADIO CANDIP
Bunia
Su:1kW:DS-FRENCH, ETC
7155
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::EU
RADIO SOFIA
Elin Pelin-Stolnik
150kW:(D):EU
CAPE VERDE
EMISSORA OFICIAL
Mindelo, S Vicente
10kW:DS:ATL/WAF
GERMANY (FR)
+DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(D):WUSSR
RFE-RL
Holzkirchen
250kW::WUSSR
RFE-RL
Holzkirchen
250kW:(D):WUSSR
GREAT BRITAIN
(con'd)
BBC
Daventry
250kW:(D):EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7155 (con'd)
GREAT BRITAIN
BBC Daventry
Su:250kW:(D):EEU
RADIO CANADA INTL Skelton, Cumbria
M-F:100kW::EU
HUNGARY
RADIO BUDAPEST Erd-Diósd
Su:100kW::EU
JAPAN
NIPPON HOSO KYOKAI Tōkyō-Yamata
50kW::EAS
NIGER
ORT DU NIGER Niamey
20kW:DS-1/FRENCH, ETC
ORT DU NIGER Niamey
Sa/Su:20kW:DS-1/FRENCH, ETC
ORT DU NIGER Niamey
Su:20kW:DS-1/FRENCH, ETC
ORT DU NIGER Niamey
M-Sa:20kW:DS-3/FRENCH, ETC
PORTUGAL
RADIO PORTUGUESA Lisbon-São Gabriel
100kW::EU
RADIO PORTUGUESA Lisbon-São Gabriel
M-F:100kW::EU
RADIO PORTUGUESA Lisbon-São Gabriel
Irr:Sa/Su:100kW::EU
SAUDI ARABIA
BS OF THE KINGDOM Jiddah
Alt 7145kHz:350kW::AS
SPAIN
+RFE-RL Pals
100/250kW:(D):WUSSR
7155.2
JORDAN
HASHEMITE KBS 'Amman
100kW:DS
7160
ASCENSION
BBC Georgetown
250kW:AFRICAN:EAF/SAF
BBC Georgetown
250kW:AFRICAN:SAF
BBC Georgetown
250kW:WS:EAF/SAF
BBC Georgetown
250kW:WS:SAF
CYPRUS
+BBC Zyyi
250kW:AFRICAN (D):NAF/EAF/ME
+BBC Zyyi
250kW:WS (D):NAF/EAF/ME
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100/500kW::NAF/WAF
RADIO FRANCE INTL Issoudun-Allouis
500kW:(D):NAF/WAF
GABON
RADIO FRANCE INTL Moanda-Moyabe
250kW::CAF
INDIA
ALL INDIA RADIO Aligarh
250kW:DS-ENGLISH, ETC
ALL INDIA RADIO Madras
10kW:DS
ALL INDIA RADIO Madras
Su:10kW:DS
MALAYSIA
RTM-SARAWAK Kuching-Stapok
10kW:DS-ENGLISH,CHINESE
MONACO
TRANS WORLD RADIO Monte Carlo
100kW::WEU
OMAN
BBC Maşirah
100kW::ME/SAS
BBC Maşirah
100kW:WS:ME/SAS
BBC Maşirah
100kW:WS (D):ME/SAS
PHILIPPINES
FAR EAST BC CO Iba
Irr::100kW:TEMP INACTIVE:SEA
PORTUGAL
RADIO PORTUGUESA Lisbon-São Gabriel
Sa/Su:100kW::EU
USSR
+RADIO MOSCOW Kazan'
240kW:DS (D)
RADIO MOSCOW Omsk
100kW:DS-2
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7160 (con'd)
USSR
RADIO MOSCOW Omsk
100kW:DS-2 (D)
RADIO MOSCOW/RP&P Kazan'
240kW::EU
RADIO MOSCOW/RP&P Kazan'
240kW:WS:EU
+RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:(D):PAC
7160v
MOZAMBIQUE
EP DA ZAMBEZIA Quelimane
0.3kW:DS-PORTUGUESE, ETC
7165
AUSTRIA
OSTERREICHISCHER R Vienna
100kW::EU
OSTERREICHISCHER R Vienna
M-Sa:100kW::EU
OSTERREICHISCHER R Vienna
Su:100kW::EU
CAMEROON
R NAT DU CAMEROUN Bertoua
20kW:DS-FRENCH,ENG,ETC
CHINA (PR)
RADIO BEIJING Chengde
120kW::EAS
ETHIOPIA
VO REV ETHIOPIA Bantu Liben
100kW::EAF
GERMANY (FR)
RFE-RL Biblis
100kW::EEU
RFE-RL Lampertheim
100kW::WUSSR
GREAT BRITAIN
BBC Daventry
250kW::WEU
NEPAL
RADIO NEPAL Harriharpur
Alternative Frequency to 7105kHz
PORTUGAL
RFE-RL Lisbon-Gloria
M-Sa:250kW::EEU
SEYCHELLES
FAR EAST BC ASS'N North Pt, Mahé Is
80kW::SAF
FAR EAST BC ASS'N North Pt, Mahé Is
Sa/Su:80kW::SAF
USSR
RADIO MOSCOW Serpuhkov
50kW:DS-1
+RADIO MOSCOW/RP&P L'vov
500kW:N AMERICAN (D):ENA/EU
+RADIO MOSCOW/RP&P L'vov
500kW:WS (D):ENA/EU
7169.7
NEW CALEDONIA
RFO-N CALEDONIE Nouméa
20kW:DS:PAC
RFO-N CALEDONIE Nouméa
F/Sa:20kW:DS:PAC
RFO-N CALEDONIE Nouméa
M-Sa:20kW:DS:PAC
RFO-N CALEDONIE Nouméa
Sa:20kW:DS:PAC
7170
AUSTRIA
OSTERREICHISCHER R Vienna
100kW::EU/NAF
OSTERREICHISCHER R Vienna
M-Sa:100kW::EU/NAF
OSTERREICHISCHER R Vienna
Su:100kW::EU/NAF
CHINA (PR)
XIZANG PEOPLES BS Lhasa
50kW:DS-CHINESE
GERMANY (FR)
+DEUTSCHE WELLE Jülich
100kW:(D):SAS
GREAT BRITAIN
BBC Holywell-Rampisham
500kW:WS:WUSSR
BBC Multiple Locations
250/500kW::WUSSR
BBC Skelton, Cumbria
100kW::WEU
VOICE OF AMERICA Woofferton
300kW::NAF
GREECE
+VOICE OF AMERICA Kaválla
250kW:(D):WUSSR
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
' + TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7170 (con'd)
INDIA
ALL INDIA RADIO
Kohima
2kW:DS
SENEGAL
ORT DU SENEGAL
Dakar
100kW:DS-FRENCH, ETC
SINGAPORE
SINGAPORE BC CORP
Seletar
10kW:DS-4
SOUTH AFRICA
SOUTH AFRICAN BC
Meyerton
100kW:DS-RADIO FIVE
USSR
RADIO MOSCOW
Komsomol'sk 'Amure
100kW:(D):PAC
RADIO MOSCOW/RP&P
Krasnoyarsk
500kW:(D):EAS
7170v
ALBANIA
RADIO TIRANA
Krujë
15kW::EU
RADIO TIRANA
Krujë
50kW::EEU
CLANDESTINE (M EAST)
UNIDENTIFIED
Irr:::ANTI-KHOMEYNI:ME
7172v
ANGOLA
ER DO LOBITO
Lobito
Irr::1kW:DS
ER DO LOBITO
Lobito
1kW:DS
7175
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EAF/SAF
ITALY
RTV ITALIANA
Caltanissetta
50kW:DS-2:EU/NAF
LIBERIA
VOICE OF AMERICA
Monrovia
M-F:250kW:FEED/ENG,FR,ETC:WAF/CAF
ROMANIA
+RADIO BUCHAREST
Bucharest
250kW:(D):EU
+RADIO BUCHAREST
Bucharest
250kW:(D):ME
+RADIO BUCHAREST
Bucharest
250kW:(J):WUSSR
USSR
RADIO KIEV
Star'obel'sk
240kW::EU/ATL
+RADIO MOSCOW
Petropavlovsk-Kam
100kW:MARINERS (D):WNA/PAC
+RADIO MOSCOW
Star'obel'sk
240kW:(D):EU/ATL
RADIO MOSCOW
Zhigulevsk
100kW:DS-1
+RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:N AMERICAN (D):WNA/PAC
RADIO MOSCOW/RP&P
Star'obel'sk
240kW::EU/ATL
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
100kW:MARINERS (D):WNA/PAC
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
Sa:100kW:MARINERS (D):WNA/PAC
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
Su-F:100kW:MARINERS (D):WNA/PAC
7180
CLANDESTINE (M EAST)
"RADIO IRAN"
Via Radio Baghdad
Irr:::ANTI-KHOMEYNI:ME
UNIDENTIFIED
Via Radio Baghdad
Irr:::ANTI-KHOMEYNI:ME
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW::EEU
VOICE OF AMERICA
Woofferton
300kW:(D):EEU
GREECE
VOICE OF AMERICA
Kaválla
250kW::WUSSR
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW:(D):WUSSR
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::WUSSR
SINGAPORE
BBC
Kranji
100kW::EAS/SEA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

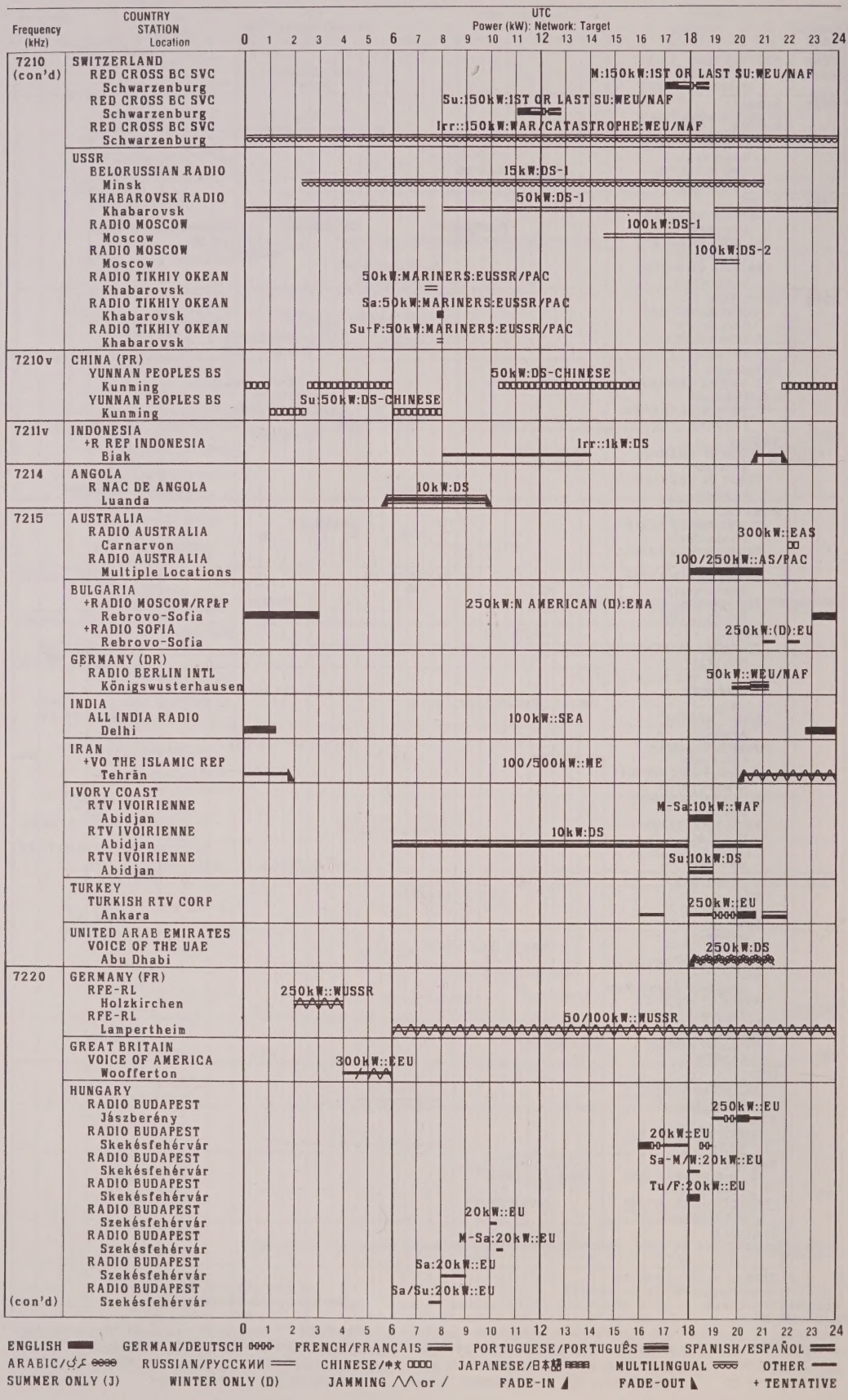

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7180 (con'd)
SINGAPORE
BBC
Kranji
250kW::EAS/SEA
BBC
Kranji
250kW::SAS
BBC
Kranji
Su-F:250kW::SAS
SPAIN
+RFE-RL
Pals
250kW:(D):WUSSR
7185
BURMA
BURMA BC SERVICE
Rangoon
50kW:DS
CLANDESTINE (ASIA)
"R SPARK" ET AL.
Primorskiy K'y, US
Alt 7525kHz:Irr:::INACTIVE BLACK:EAS
GERMANY (DR)
RADIO BERLIN INTL
Nauen
100kW::EU
STIMME DER DDR
Nauen
Sa/Su:500kW:DS:EU
GREAT BRITAIN
BBC
Multiple Locations
100/250kW:WS:EU/NAF/EAF
UNITED ARAB EMIRATES
UAE RADIO
Dubai
Alt 7195kHz:300kW::NAF/ME
USSR
RADIO MOSCOW
Novosibirsk
240kW:DS-1 (J)
RADIO MOSCOW/RP&P
Gor'kiy
240kW:ARABIC, ETC (D):ME/NAF
+RADIO MOSCOW/RP&P
L'vov
240kW:N AMERICAN:ENA
+RADIO MOSCOW/RP&P
Novosibirsk
240kW:(D):EAS
RADIO MOSCOW/RP&P
Vladivostok
500kW:(D):EAS/SEA
RADIO MOSCOW/RP&P
Vladivostok
500kW:WS (D):EAS/SEA
7190
BENIN
ORT DU BENIN
Parakou
Irr::20kW:DS-FRENCH, ETC
CHINA (PR)
RADIO BEIJING
Kunming
50kW::SEA
RADIO BEIJING
Kunming
50kW:(D):NAF/EAF
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Lampertheim
100kW::WUSSR
INDONESIA
R REP INDONESIA
Jayapura
10kW:DS
MOROCCO
+VOICE OF AMERICA
Tangier
100kW:(D):WUSSR
NAMIBIA
+SW AFRICA BC CORP
Windhoek
Irr: 100kW:DS (D)
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW:(J):EEU
SRI LANKA
SRI LANKA BC CORP
Colombo
10kW::SAS
SRI LANKA BC CORP
Colombo
Su:10kW::SAS
7194.7
CLANDESTINE (C AMER)
"15 DE SETIEMBRE"
Honduras
Alt 5365.2kHz:Irr:::FDN/ANTI-SANDINIST:CA
7195
BANGLADESH
RADIO BANGLADESH
Dhaka
50kW:DS
RADIO BANGLADESH
Dhaka
Su:50kW:DS
LIBERIA
VOICE OF AMERICA
Monrovia
50kW::WAF/CAF
PHILIPPINES
+VOICE OF AMERICA
Bamban-Tinang
250kW:(D):SEA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::EU
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

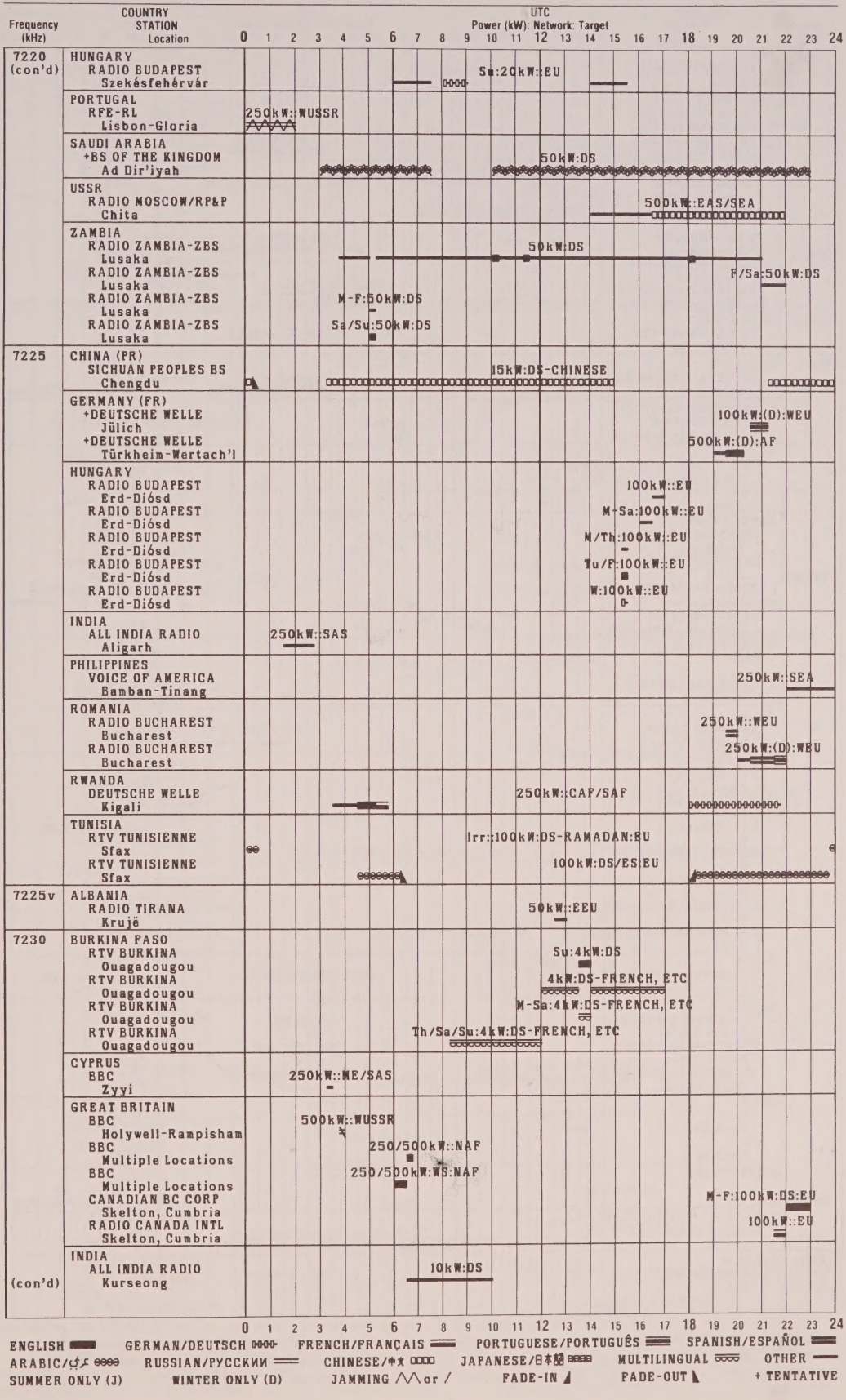

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7195 (con'd)
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::ME
RADIO BUCHAREST
Bucharest
250kW:(D):ME
RADIO BUCHAREST
Bucharest
250kW:(D):EU
SWAZILAND
TRANS WORLD RADIO
Manzini
25kW::SAF
UGANDA
RADIO UGANDA
Kampala
Irr::20kW:DS
RADIO UGANDA
Kampala
20kW:DS
UNITED ARAB EMIRATES
UAE RADIO
Dubai
Alternative Frequency to 7185kHz
USSR
RADIO KIEV
Simferopol'
500kW:(D):ENA/ATL
RADIO MOSCOW
Simferopol'
500kW:DS-2 (D):ENA/ATL
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:(D):EAS
+RADIO MOSCOW/RP&P
Novosibirsk
100kW:(D):WEU
RADIO MOSCOW/RP&P
Simferopol'
500kW:N AMERICAN (D):ENA/ATL
RADIO MOSCOW/RP&P
Simferopol'
500kW:WS (D):ENA/ATL
+RADIO MOSCOW/RP&P
Tula
240kW:(D):WEU
7195v
PAKISTAN
PAKISTAN BC CORP
Rawalpindi
10kW:DS
PAKISTAN BC CORP
Rawalpindi
Sa-Th:10kW:DS
7196v
PERU
RADIO SELVA
Moyobamba
DS
7198v
AFGHANISTAN
RADIO AFGHANISTAN
Kabul
50kW:DS-1
7200
GABON
AFRIQUE NUMERO UN
Moanda-Moyabe
Sa/Su:250kW::CAF
AFRIQUE NUMERO UN
Moanda-Moyabe
250kW:ENGLISH, ETC:CAF
GERMANY (FR)
+DEUTSCHE WELLE
Jülich
100kW:(D):WUSSR
+DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(D):WUSSR
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250/300kW::EU/ME
GREECE
+VOICE OF AMERICA
Kaválla
250kW:(D):SAS
ITALY
ADVENTIST WORLD R
Forlì
3/6/10kW::EU
MALAYSIA
RADIO MALAYSIA
Kajang
10kW:DS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
PORTUGAL
+RFE-RL
Lisbon-Gloria
250kW:(D):EEU
SRI LANKA
+DEUTSCHE WELLE
Trincomalee
Irr::250kW::SAS
USSR
RADIO MOSCOW
Vladivostok
50kW:DS-2
RADIO MOSCOW
Vladivostok
50kW:DS-2 (D)
RADIO MOSCOW
Zhigulevsk
100kW:DS-1
RADIO MOSCOW
Zhigulevsk
100kW:DS-1 (D)
YAKUTSK RADIO
Yakutsk
50kW:DS
(con'd)
YUGOSLAVIA
RADIO BEOGRAD
Belgrade
100kW:DS-1:EU/NAF/ME
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

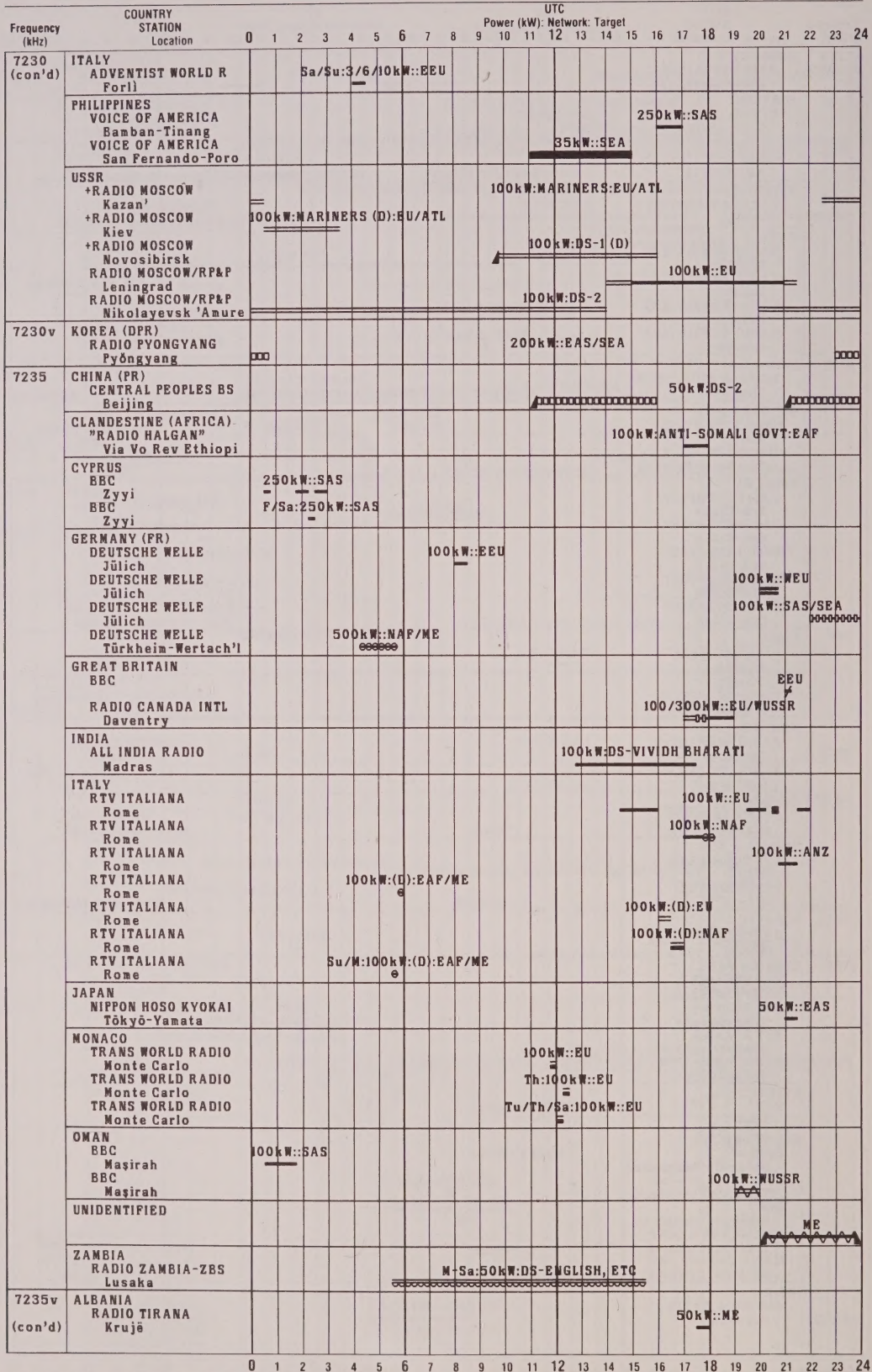
Frequency (kHz)	COUNTRY STATION Location	UTC Power (kW): Network: Target
7200 (con'd)	YUGOSLAVIA RADIO BEOGRAD Belgrade	Su:100kW:DS-1
7200v	SOMALIA RADIO MOGADISHU Mogadishu RADIO MOGADISHU Mogadishu RADIO MOGADISHU Mogadishu	100kW:DS F:100kW:DS Sa-Th:100kW:DS
7204.7	ZAIRE LA VOIX DU ZAIRE Lubumbashi LA VOIX DU ZAIRE Lubumbashi LA VOIX DU ZAIRE Lubumbashi	Irr::10kW:DS Irr:Sa/Su:10kW:DS Irr:Su:10kW:DS
7205	AUSTRALIA RADIO AUSTRALIA Carnarvon RADIO AUSTRALIA Shepparton	250kW::SAS 100kW::SEA
	CAMEROON R NAT DU CAMEROUN Yaoundé R NAT DU CAMEROUN Yaoundé	4/30kW:DS-FRENCH, ETC Su:4/30kW:DS-FRENCH, ETC
	GREECE VOICE OF AMERICA Kaválla VOICE OF AMERICA Rhodes	250kW::SAS 50kW::ME
	MONACO TRANS WORLD RADIO Monte Carlo TRANS WORLD RADIO Monte Carlo TRANS WORLD RADIO Monte Carlo TRANS WORLD RADIO Monte Carlo	500kW::EU 100kW::EEU Su:100kW::EU Th-Sa:100kW::EEU
	TURKEY TURKISH RTV CORP Ankara	250kW::ME
	USSR +RADIO KIEV L'vov RADIO MOSCOW Armavir +RADIO MOSCOW L'vov +RADIO MOSCOW/RP&P Krasnoyarsk RS SOV BELORUSSIA Moscow RS SOV BELORUSSIA Moscow RS SOV BELORUSSIA Moscow	500kW:(D):ENA/ATL 100kW:MARINERS:EU/ATL 500kW:(D):ENA/ATL 500kW:(D):SAS Su-F:100kW::EU Sa:100kW:1ST & 3RD SATS:EU Sa:100kW:2ND & 4TH SATS:EU
7210	GREAT BRITAIN BBC Daventry BBC Daventry BBC Holywell-Rampisham BBC Holywell-Rampisham VOICE OF AMERICA Woofferton	250kW::WEU/NAF 250kW::EU 500kW::EEU/WUSSR 500kW:WS:EEU/WUSSR 300kW:(D):EEU
	GREECE VOICE OF AMERICA Kaválla	250kW::SAS
	INDIA ALL INDIA RADIO Calcutta	10kW:DS
	KENYA VOICE OF KENYA Nairobi	10kW:DS
	NORWAY +RADIO NORWAY INTL Fredrikstad +RADIO NORWAY INTL Fredrikstad	500kW:(D):SAS 500kW:(D):ME
	PAKISTAN PAKISTAN BC CORP Islamabad	100kW:DS
(con'd)	SENEGAL ORT DU SENEGAL Dakar	4kW:DS-FRENCH, ETC

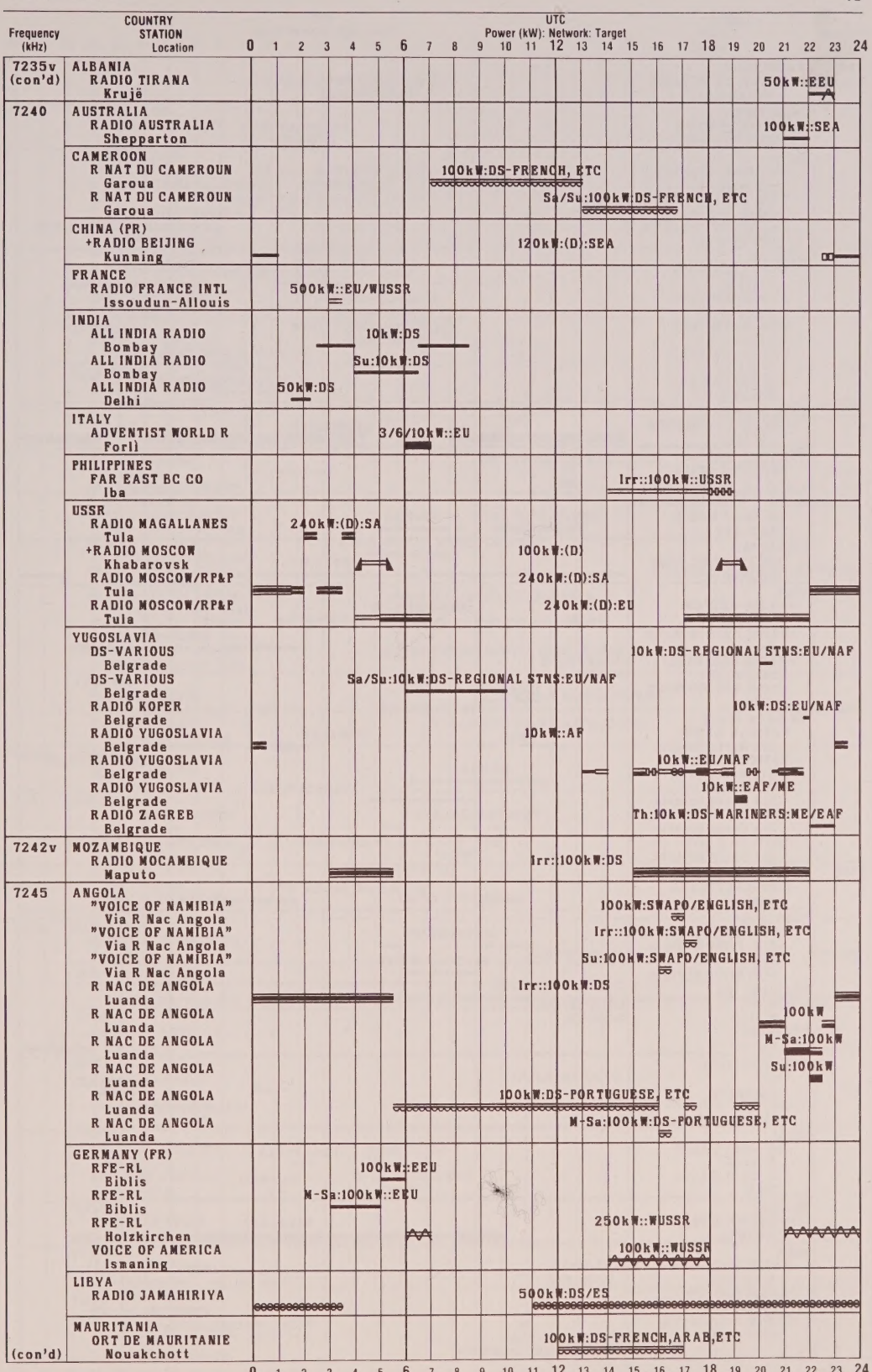
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

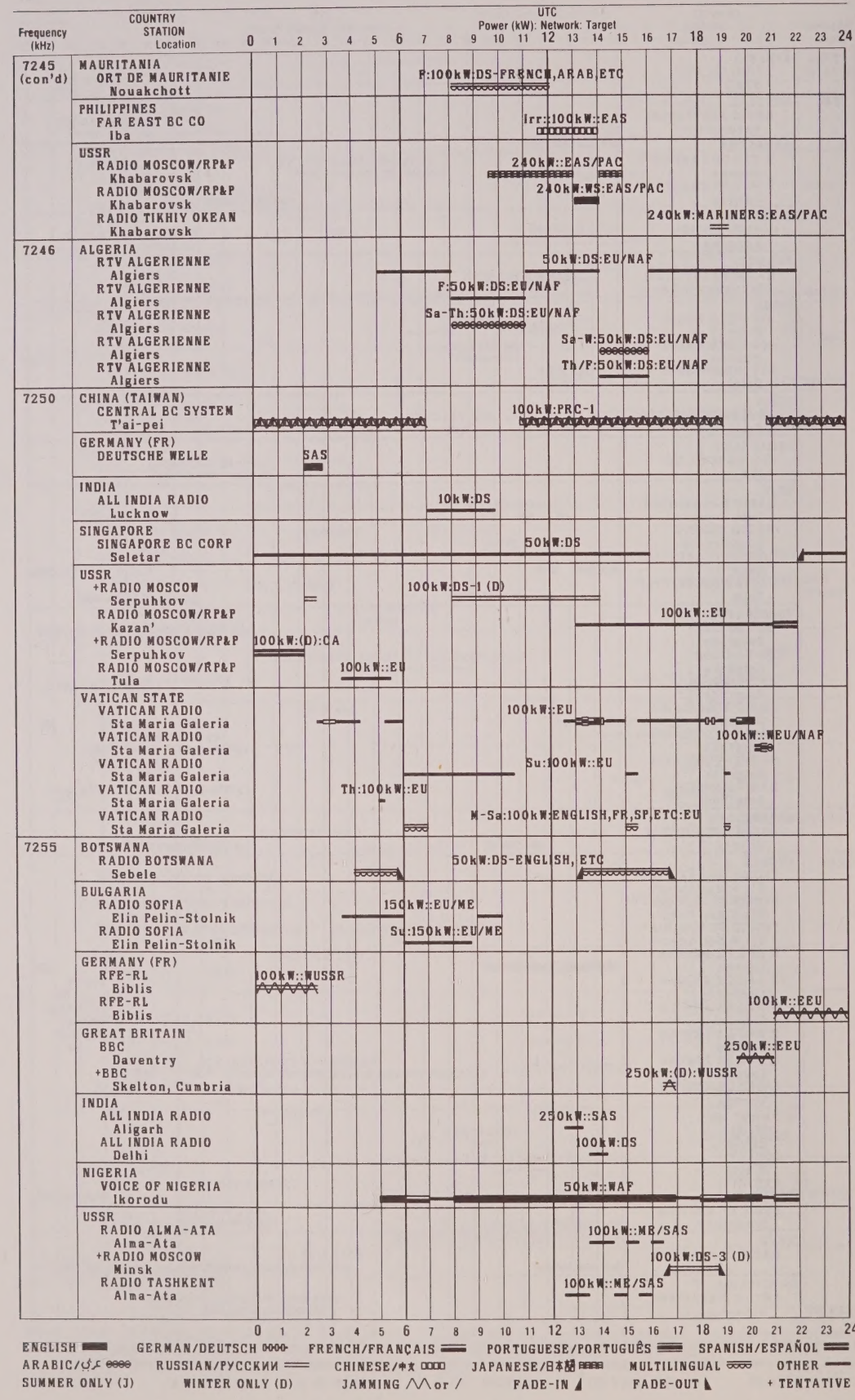
ENGLISH ▬ GERMAN/DEUTSCH ▬ FRENCH/FRANÇAIS ▬ PORTUGUESE/PORTUGUÊS ▬ SPANISH/ESPAÑOL ▬
ARABIC/عربي ▬ RUSSIAN/РУССКИЙ ▬ CHINESE/中文 ▬ JAPANESE/日本語 ▬ MULTILINGUAL ▬ OTHER ▬
SUMMER ONLY (J) WINTER ONLY (D) JAMMING /\/\ or / FADE-IN ◢ FADE-OUT ◣ + TENTATIVE

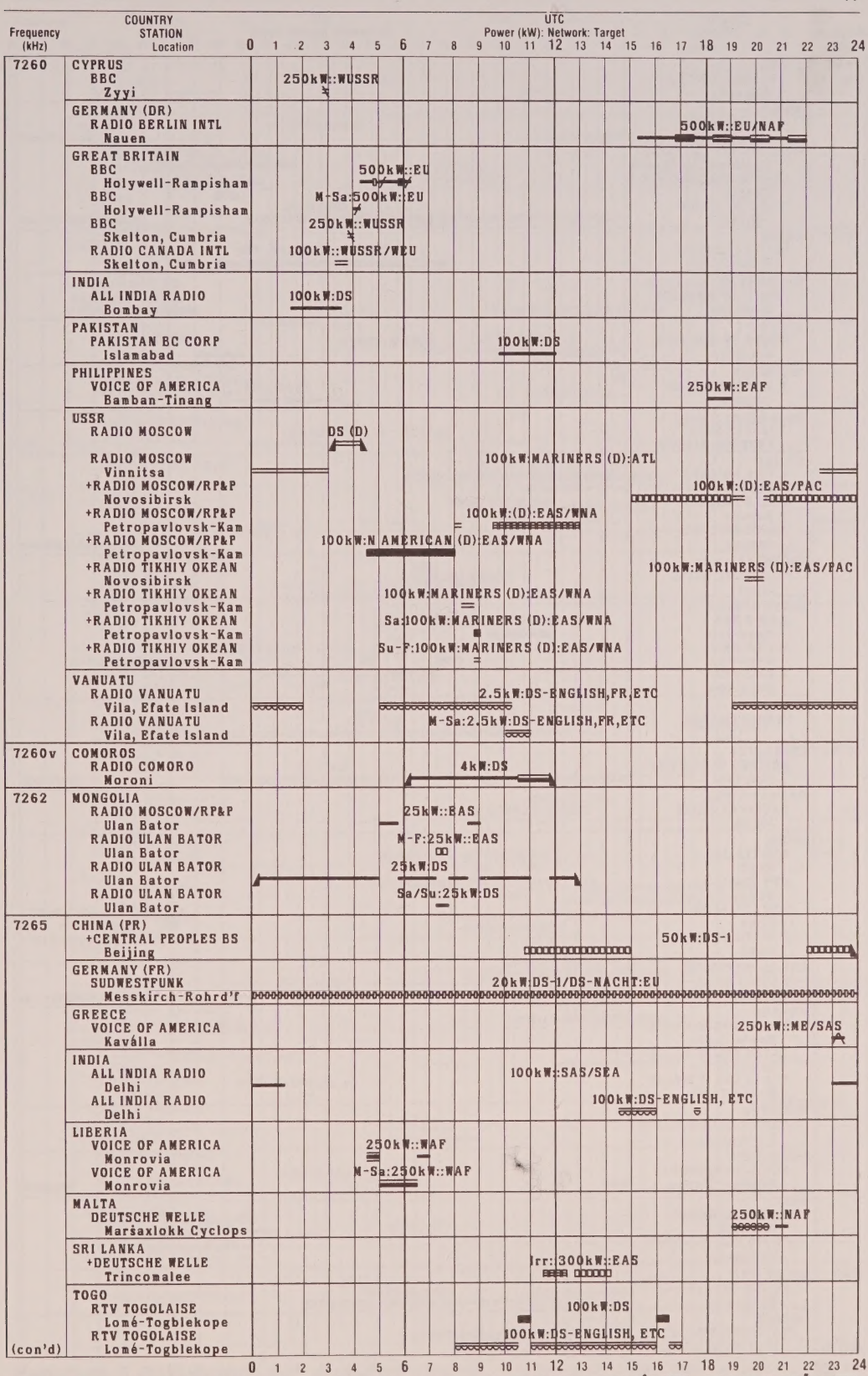

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7210 (con'd)
SWITZERLAND
RED CROSS BC SVC Schwarzenburg
M:150kW:1ST OR LAST SU:WEU/NAF
RED CROSS BC SVC Schwarzenburg
Su:150kW:1ST OR LAST SU:WEU/NAF
RED CROSS BC SVC Schwarzenburg
Irr::150kW:WAR/CATASTROPHE:WEU/NAF
USSR
BELORUSSIAN RADIO Minsk
15kW:DS-1
KHABAROVSK RADIO Khabarovsk
50kW:DS-1
RADIO MOSCOW Moscow
100kW:DS-1
RADIO MOSCOW Moscow
100kW:DS-2
RADIO TIKHIY OKEAN Khabarovsk
50kW:MARINERS:EUSSR/PAC
RADIO TIKHIY OKEAN Khabarovsk
Sa:50kW:MARINERS:EUSSR/PAC
RADIO TIKHIY OKEAN Khabarovsk
Su-F:50kW:MARINERS:EUSSR/PAC
7210v
CHINA (PR)
YUNNAN PEOPLES BS Kunming
50kW:DS-CHINESE
YUNNAN PEOPLES BS Kunming
Su:50kW:DS-CHINESE
7211v
INDONESIA
+R REP INDONESIA Biak
Irr::1kW:DS
7214
ANGOLA
R NAC DE ANGOLA Luanda
10kW:DS
7215
AUSTRALIA
RADIO AUSTRALIA Carnarvon
300kW::EAS
RADIO AUSTRALIA Multiple Locations
100/250kW::AS/PAC
BULGARIA
+RADIO MOSCOW/RP&P Rebrovo-Sofia
250kW:N AMERICAN (D):ENA
+RADIO SOFIA Rebrovo-Sofia
250kW:(D):EU
GERMANY (DR)
RADIO BERLIN INTL Königswusterhausen
50kW::WEU/NAF
INDIA
ALL INDIA RADIO Delhi
100kW::SEA
IRAN
+VO THE ISLAMIC REP Tehrān
100/500kW::ME
IVORY COAST
RTV IVOIRIENNE Abidjan
M-Sa:10kW::WAF
RTV IVOIRIENNE Abidjan
10kW:DS
RTV IVOIRIENNE Abidjan
Su:10kW:DS
TURKEY
TURKISH RTV CORP Ankara
250kW::EU
UNITED ARAB EMIRATES
VOICE OF THE UAE Abu Dhabi
250kW:DS
7220
GERMANY (FR)
RFE-RL Holzkirchen
250kW::WUSSR
RFE-RL Lampertheim
50/100kW::WUSSR
GREAT BRITAIN
VOICE OF AMERICA Woofferton
300kW::EEU
HUNGARY
RADIO BUDAPEST Jászberény
250kW::EU
RADIO BUDAPEST Skekésfehérvár
20kW::EU
RADIO BUDAPEST Skekésfehérvár
Sa-M/W:20kW::EU
RADIO BUDAPEST Skekésfehérvár
Tu/F:20kW::EU
RADIO BUDAPEST Szekésfehérvár
20kW::EU
RADIO BUDAPEST Szekésfehérvár
M-Sa:20kW::EU
RADIO BUDAPEST Szekésfehérvár
Sa:20kW::EU
RADIO BUDAPEST Szekésfehérvár
Sa/Su:20kW::EU
(con'd)
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

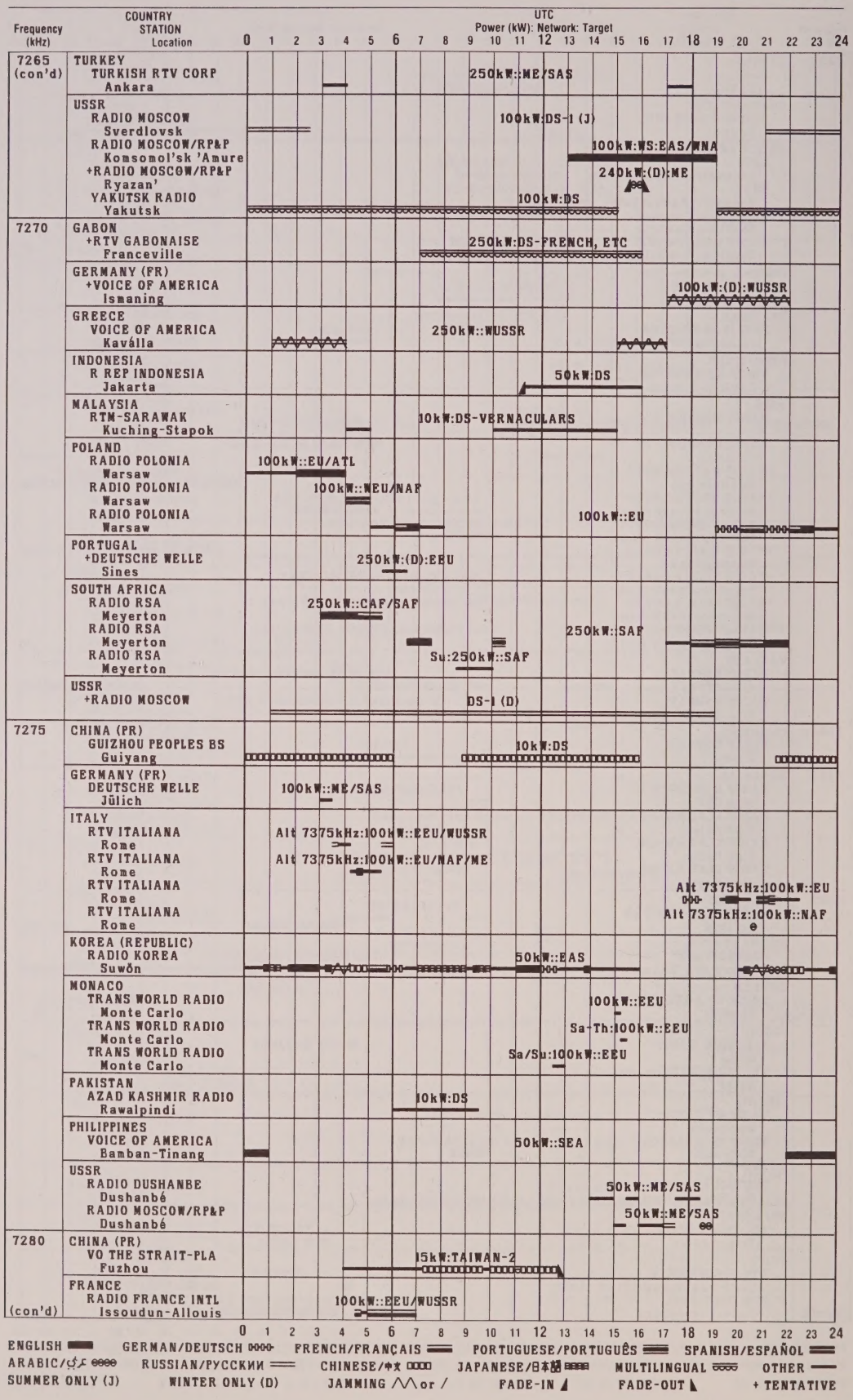

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7220 (con'd)
HUNGARY
RADIO BUDAPEST
Szekésfehérvár
Su:20kW::EU
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
SAUDI ARABIA
+BS OF THE KINGDOM
Ad Dir'iyah
50kW:DS
USSR
RADIO MOSCOW/RP&P
Chita
50kW::EAS/SEA
ZAMBIA
RADIO ZAMBIA-ZBS
Lusaka
50kW:DS
RADIO ZAMBIA-ZBS
Lusaka
F/Sa:50kW:DS
RADIO ZAMBIA-ZBS
Lusaka
M-F:50kW:DS
RADIO ZAMBIA-ZBS
Lusaka
Sa/Su:50kW:DS
7225
CHINA (PR)
SICHUAN PEOPLES BS
Chengdu
15kW:DS-CHINESE
GERMANY (FR)
+DEUTSCHE WELLE
Jülich
100kW:(D):WEU
+DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(D):AF
HUNGARY
RADIO BUDAPEST
Erd-Diósd
100kW::EU
RADIO BUDAPEST
Erd-Diósd
M-Sa:100kW::EU
RADIO BUDAPEST
Erd-Diósd
M/Th:100kW::EU
RADIO BUDAPEST
Erd-Diósd
Tu/F:100kW::EU
RADIO BUDAPEST
Erd-Diósd
W:100kW::EU
INDIA
ALL INDIA RADIO
Aligarh
250kW::SAS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::WEU
RADIO BUCHAREST
Bucharest
250kW:(D):WEU
RWANDA
DEUTSCHE WELLE
Kigali
250kW::CAF/SAF
TUNISIA
RTV TUNISIENNE
Sfax
Irr::100kW:DS-RAMADAN:EU
RTV TUNISIENNE
Sfax
100kW:DS/ES:EU
7225v
ALBANIA
RADIO TIRANA
Krujë
50kW::EEU
7230
BURKINA FASO
RTV BURKINA
Ouagadougou
Su:4kW:DS
RTV BURKINA
Ouagadougou
4kW:DS-FRENCH, ETC
RTV BURKINA
Ouagadougou
M-Sa:4kW:DS-FRENCH, ETC
RTV BURKINA
Ouagadougou
Th/Sa/Su:4kW:DS-FRENCH, ETC
CYPRUS
BBC
Zyyi
250kW::ME/SAS
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::WUSSR
BBC
Multiple Locations
250/500kW::NAF
BBC
Multiple Locations
250/500kW::WS:NAF
CANADIAN BC CORP
Skelton, Cumbria
M-F:100kW:DS:EU
RADIO CANADA INTL
Skelton, Cumbria
100kW::EU
INDIA
ALL INDIA RADIO
Kurseong
(con'd)
10kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

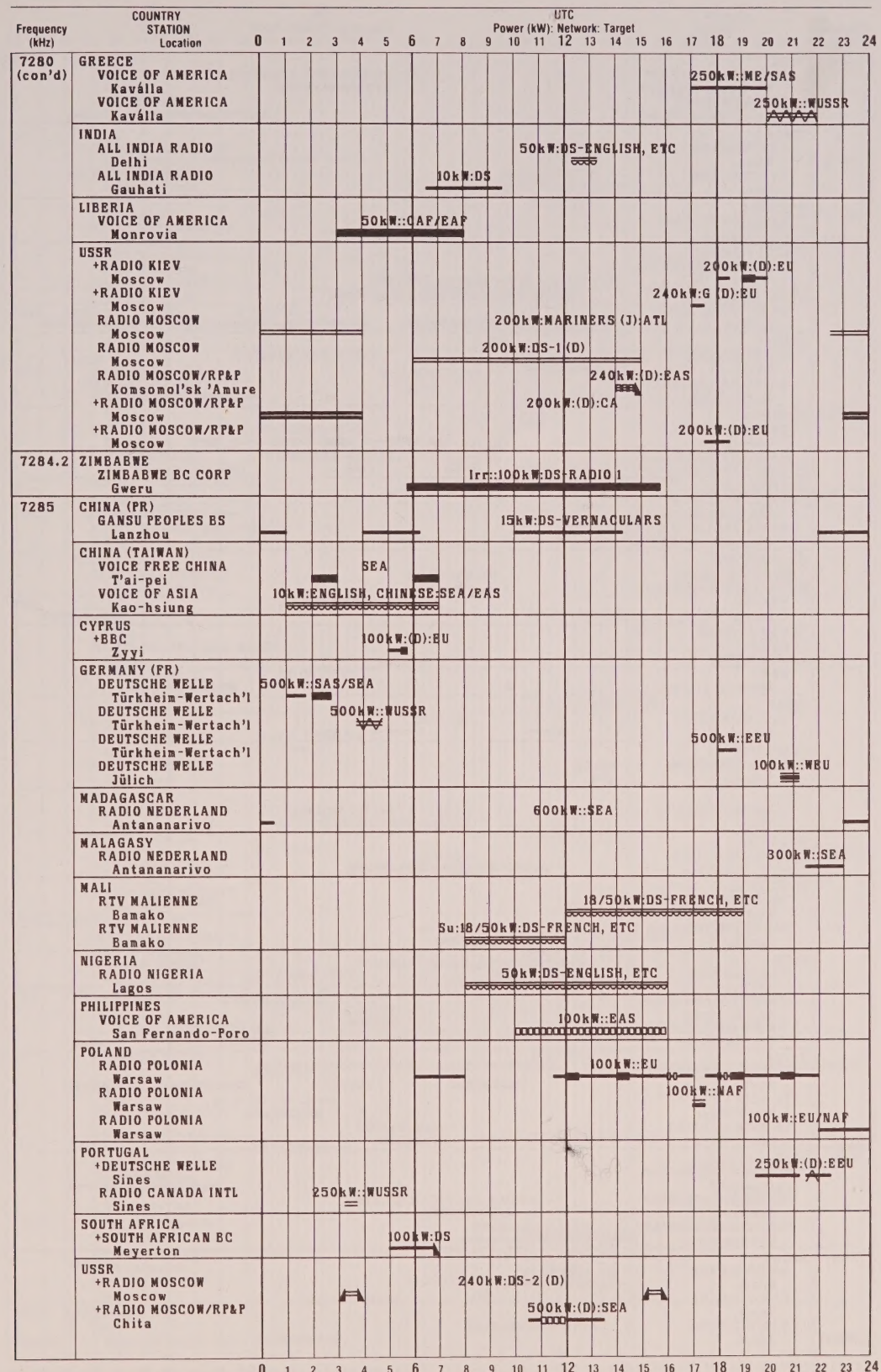

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7230 (con'd)
ITALY
ADVENTIST WORLD R
Forlì
Sa/Su:3/6/10kW::EEU
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
VOICE OF AMERICA
San Fernando-Poro
250kW::SAS
35kW::SEA
USSR
+RADIO MOSCOW
Kazan'
+RADIO MOSCOW
Kiev
+RADIO MOSCOW
Novosibirsk
RADIO MOSCOW/RP&P
Leningrad
RADIO MOSCOW/RP&P
Nikolayevsk 'Amure
100kW:MARINERS:EU/ATL
100kW:MARINERS (D):EU/ATL
100kW:DS-1 (D)
100kW::EU
100kW:DS-2
7230v
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::EAS/SEA
7235
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
50kW:DS-2
CLANDESTINE (AFRICA)
"RADIO HALGAN"
Via Vo Rev Ethiopi
100kW:ANTI-SOMALI GOVT:EAF
CYPRUS
BBC
Zyyi
BBC
Zyyi
250kW::SAS
F/Sa:250kW::SAS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Türkheim-Wertach'l
100kW::EEU
100kW::WEU
100kW::SAS/SEA
500kW::NAF/ME
GREAT BRITAIN
BBC
RADIO CANADA INTL
Daventry
EEU
100/300kW::EU/WUSSR
INDIA
ALL INDIA RADIO
Madras
100kW:DS-VIV DH BHARATI
ITALY
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
100kW::EU
100kW::NAF
100kW::ANZ
100kW:(D):EAF/ME
100kW:(D):EU
100kW:(D):NAF
Su/M:100kW:(D):EAF/ME
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
50kW::EAS
MONACO
TRANS WORLD RADIO
Monte Carlo
TRANS WORLD RADIO
Monte Carlo
TRANS WORLD RADIO
Monte Carlo
100kW::EU
Th:100kW::EU
Tu/Th/Sa:100kW::EU
OMAN
BBC
Maşirah
BBC
Maşirah
100kW::SAS
100kW::WUSSR
UNIDENTIFIED
ME
ZAMBIA
RADIO ZAMBIA-ZBS
Lusaka
M-Sa:50kW:DS-ENGLISH, ETC
7235v (con'd)
ALBANIA
RADIO TIRANA
Krujë
50kW::ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

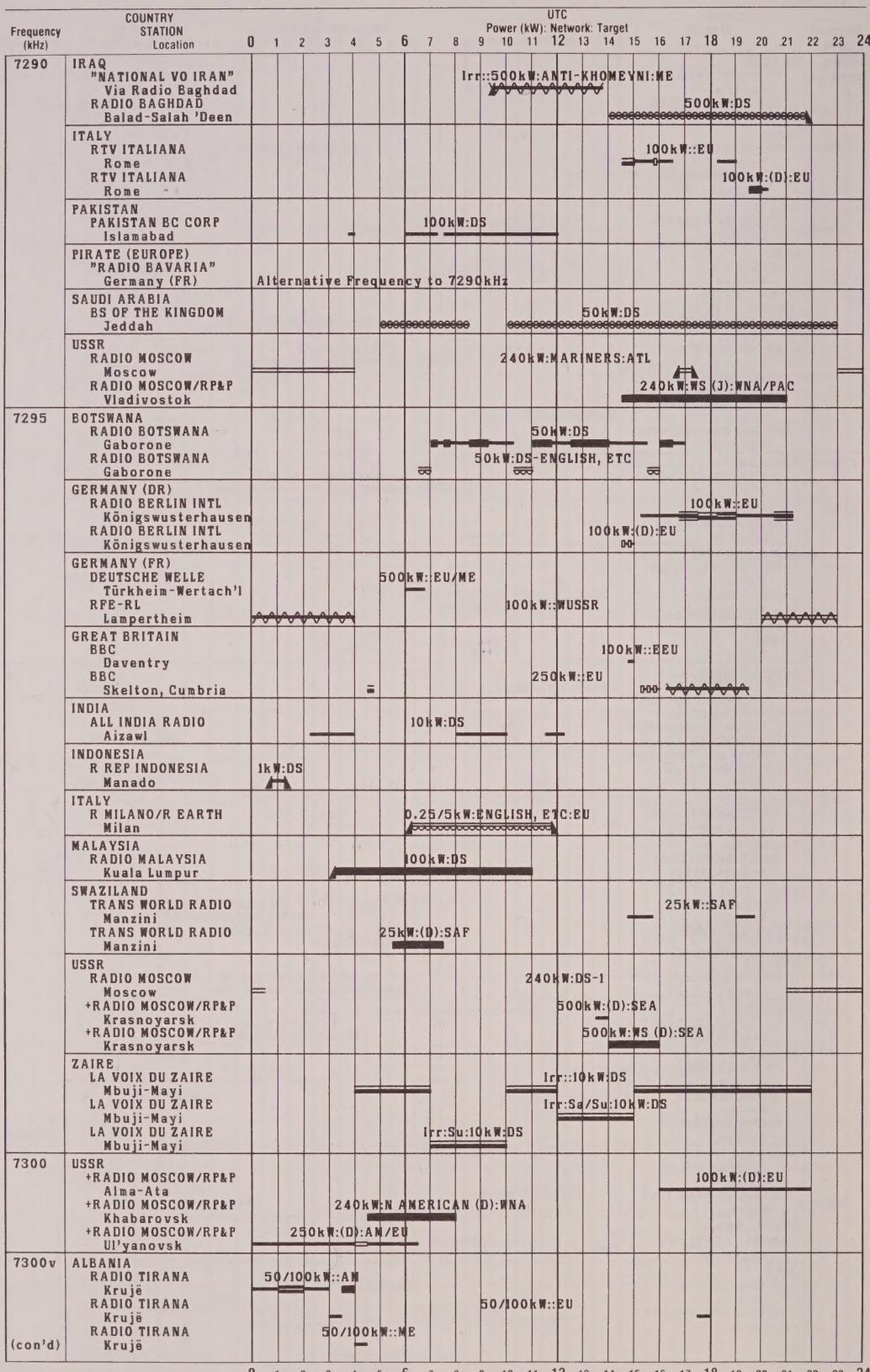

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7235v (con'd)
ALBANIA
RADIO TIRANA
Krujë
50kW::EEU
7240
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::SEA
CAMEROON
R NAT DU CAMEROUN
Garoua
100kW:DS-FRENCH, ETC
R NAT DU CAMEROUN
Garoua
Sa/Su:100kW:DS-FRENCH, ETC
CHINA (PR)
+RADIO BEIJING
Kunming
120kW:(D):SEA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::EU/WUSSR
INDIA
ALL INDIA RADIO
Bombay
10kW:DS
ALL INDIA RADIO
Bombay
Su:10kW:DS
ALL INDIA RADIO
Delhi
50kW:DS
ITALY
ADVENTIST WORLD R
Forlì
3/6/10kW::EU
PHILIPPINES
FAR EAST BC CO
Iba
Irr::100kW::USSR
USSR
RADIO MAGALLANES
Tula
240kW:(D):SA
+RADIO MOSCOW
Khabarovsk
100kW:(D)
RADIO MOSCOW/RP&P
Tula
240kW:(D):SA
RADIO MOSCOW/RP&P
Tula
240kW:(D):EU
YUGOSLAVIA
DS-VARIOUS
Belgrade
10kW:DS-REGIONAL STNS:EU/NAF
DS-VARIOUS
Belgrade
Sa/Su:10kW:DS-REGIONAL STNS:EU/NAF
RADIO KOPER
Belgrade
10kW:DS:EU/NAF
RADIO YUGOSLAVIA
Belgrade
10kW::AF
RADIO YUGOSLAVIA
Belgrade
10kW::EU/NAF
RADIO YUGOSLAVIA
Belgrade
10kW::EAF/ME
RADIO ZAGREB
Belgrade
Th:10kW:DS-MARINERS:ME/EAF
7242v
MOZAMBIQUE
RADIO MOCAMBIQUE
Maputo
Irr::100kW:DS
7245
ANGOLA
"VOICE OF NAMIBIA"
Via R Nac Angola
100kW:SWAPO/ENGLISH, ETC
"VOICE OF NAMIBIA"
Via R Nac Angola
Irr::100kW:SWAPO/ENGLISH, ETC
"VOICE OF NAMIBIA"
Via R Nac Angola
Su:100kW:SWAPO/ENGLISH, ETC
R NAC DE ANGOLA
Luanda
Irr::100kW:DS
R NAC DE ANGOLA
Luanda
100kW
R NAC DE ANGOLA
Luanda
M-Sa:100kW
R NAC DE ANGOLA
Luanda
Su:100kW
R NAC DE ANGOLA
Luanda
100kW:DS-PORTUGUESE, ETC
R NAC DE ANGOLA
Luanda
M-Sa:100kW:DS-PORTUGUESE, ETC
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Biblis
M-Sa:100kW::EEU
RFE-RL
Holzkirchen
250kW::WUSSR
VOICE OF AMERICA
Ismaning
100kW::WUSSR
LIBYA
RADIO JAMAHIRIYA
500kW:DS/ES
MAURITANIA
ORT DE MAURITANIE
Nouakchott
(con'd)
100kW:DS-FRENCH,ARAB,ETC
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

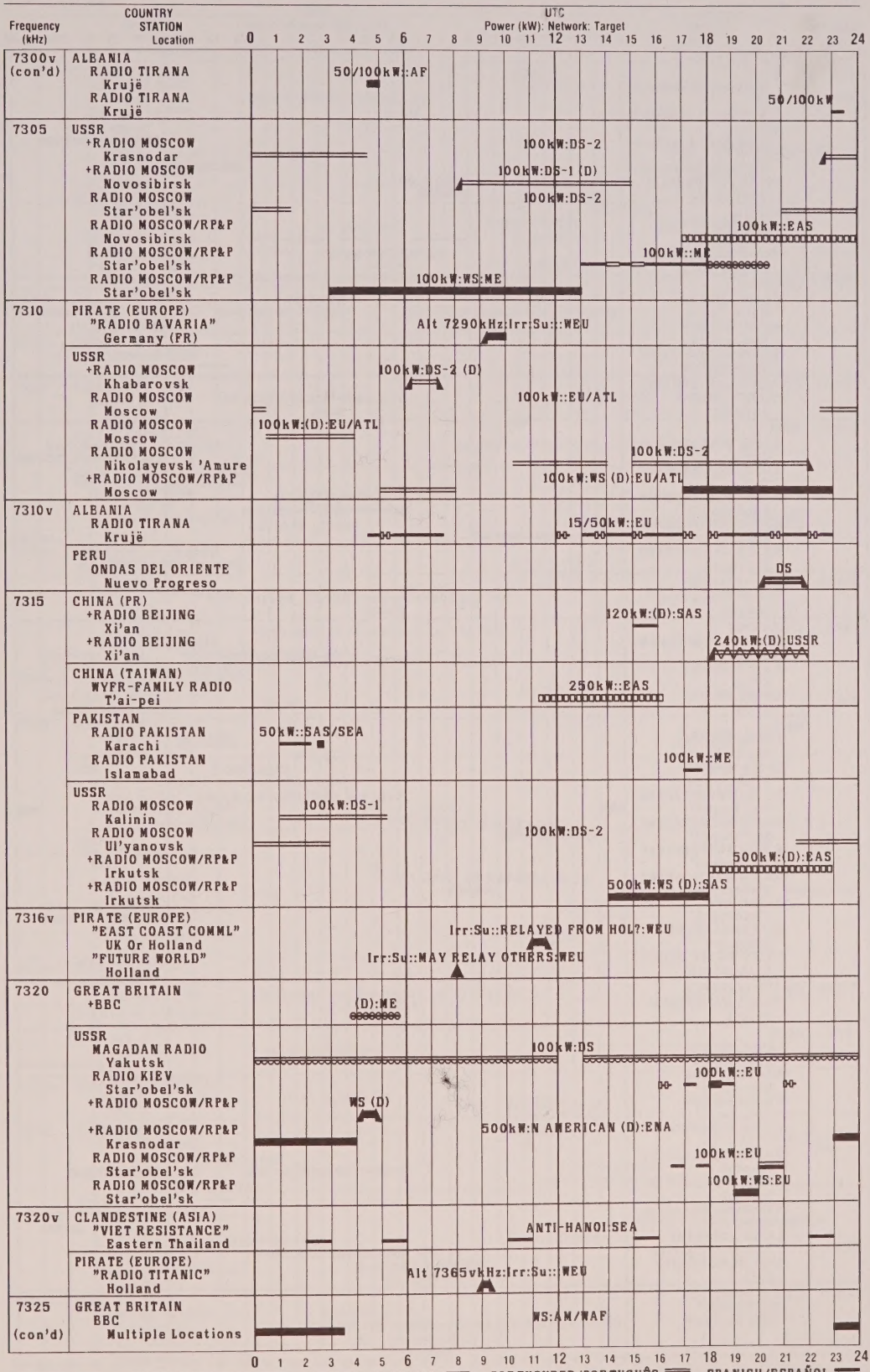

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7245 (con'd)
MAURITANIA
ORT DE MAURITANIE
Nouakchott
F:100kW:DS-FRENCH,ARAB,ETC
PHILIPPINES
FAR EAST BC CO
Iba
Irr::100kW::EAS
USSR
RADIO MOSCOW/RP&P
Khabarovsk
240kW::EAS/PAC
RADIO MOSCOW/RP&P
Khabarovsk
240kW:WS:EAS/PAC
RADIO TIKHIY OKEAN
Khabarovsk
240kW:MARINERS:EAS/PAC
7246
ALGERIA
RTV ALGERIENNE
Algiers
50kW:DS:EU/NAF
RTV ALGERIENNE
Algiers
F:50kW:DS:EU/NAF
RTV ALGERIENNE
Algiers
Sa-Th:50kW:DS:EU/NAF
RTV ALGERIENNE
Algiers
Sa-W:50kW:DS:EU/NAF
RTV ALGERIENNE
Algiers
Th/F:50kW:DS:EU/NAF
7250
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
100kW:PRC-1
GERMANY (FR)
DEUTSCHE WELLE
SAS
INDIA
ALL INDIA RADIO
Lucknow
10kW:DS
SINGAPORE
SINGAPORE BC CORP
Seletar
50kW:DS
USSR
+RADIO MOSCOW
Serpuhkov
100kW:DS-1 (D)
RADIO MOSCOW/RP&P
Kazan'
100kW::EU
+RADIO MOSCOW/RP&P
Serpuhkov
100kW:(D):CA
RADIO MOSCOW/RP&P
Tula
100kW::EU
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EU
VATICAN RADIO
Sta Maria Galeria
100kW::WEU/NAF
VATICAN RADIO
Sta Maria Galeria
Su:100kW::EU
VATICAN RADIO
Sta Maria Galeria
Th:100kW::EU
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW:ENGLISH,FR,SP,ETC:EU
VATICAN RADIO
Sta Maria Galeria
7255
BOTSWANA
RADIO BOTSWANA
Sebele
50kW:DS-ENGLISH, ETC
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::EU/ME
RADIO SOFIA
Elin Pelin-Stolnik
Su:150kW::EU/ME
GERMANY (FR)
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Biblis
100kW::EEU
GREAT BRITAIN
BBC
Daventry
250kW::EEU
+BBC
Skelton, Cumbria
250kW:(D):WUSSR
INDIA
ALL INDIA RADIO
Aligarh
250kW::SAS
ALL INDIA RADIO
Delhi
100kW:DS
NIGERIA
VOICE OF NIGERIA
Ikorodu
50kW::WAF
USSR
RADIO ALMA-ATA
Alma-Ata
100kW::ME/SAS
+RADIO MOSCOW
Minsk
100kW:DS-3 (D)
RADIO TASHKENT
Alma-Ata
100kW::ME/SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

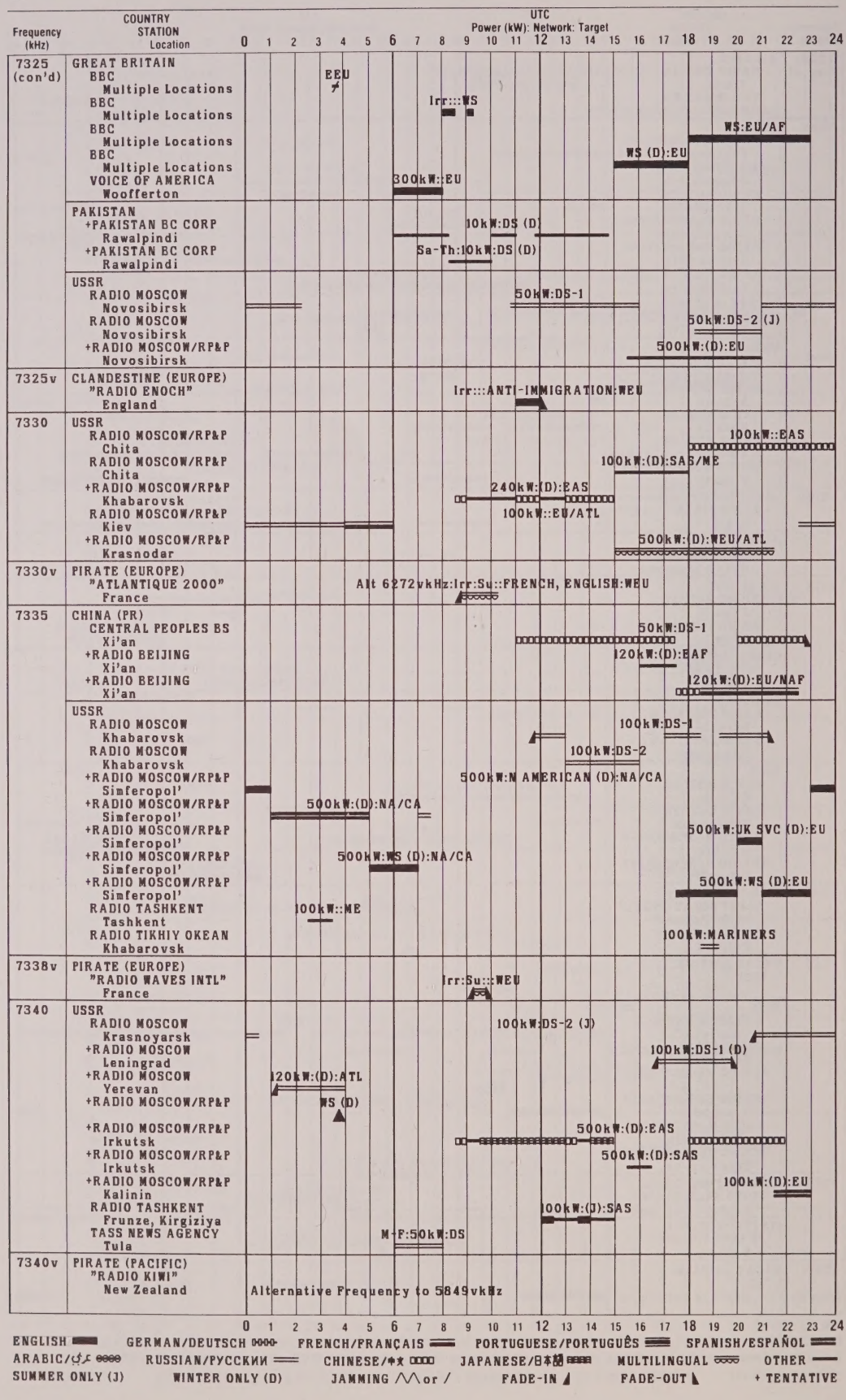

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7260
CYPRUS
BBC
Zyyi
250kW::WUSSR
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::EU/NAF
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::EU
BBC
Holywell-Rampisham
M-Sa:500kW::EU
BBC
Skelton, Cumbria
250kW::WUSSR
RADIO CANADA INTL
Skelton, Cumbria
100kW::WUSSR/WEU
INDIA
ALL INDIA RADIO
Bombay
100kW:DS
PAKISTAN
PAKISTAN BC CORP
Islamabad
100kW:DS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAF
USSR
RADIO MOSCOW
DS (D)
RADIO MOSCOW
Vinnitsa
100kW:MARINERS (D):ATL
+RADIO MOSCOW/RP&P
Novosibirsk
100kW:(D):EAS/PAC
+RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:(D):EAS/WNA
+RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:N AMERICAN (D):EAS/WNA
+RADIO TIKHIY OKEAN
Novosibirsk
100kW:MARINERS (D):EAS/PAC
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
100kW:MARINERS (D):EAS/WNA
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
Sa:100kW:MARINERS (D):EAS/WNA
+RADIO TIKHIY OKEAN
Petropavlovsk-Kam
Su-F:100kW:MARINERS (D):EAS/WNA
VANUATU
RADIO VANUATU
Vila, Efate Island
2.5kW:DS-ENGLISH,FR,ETC
RADIO VANUATU
Vila, Efate Island
M-Sa:2.5kW:DS-ENGLISH,FR,ETC
7260v
COMOROS
RADIO COMORO
Moroni
4kW:DS
7262
MONGOLIA
RADIO MOSCOW/RP&P
Ulan Bator
25kW::EAS
RADIO ULAN BATOR
Ulan Bator
M-F:25kW::EAS
RADIO ULAN BATOR
Ulan Bator
25kW:DS
RADIO ULAN BATOR
Ulan Bator
Sa/Su:25kW:DS
7265
CHINA (PR)
+CENTRAL PEOPLES BS
Beijing
50kW:DS-1
GERMANY (FR)
SUDWESTFUNK
Messkirch-Rohrd'f
20kW:DS-1/DS-NACHT:EU
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
INDIA
ALL INDIA RADIO
Delhi
100kW::SAS/SEA
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF
VOICE OF AMERICA
Monrovia
M-Sa:250kW::WAF
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::NAF
SRI LANKA
+DEUTSCHE WELLE
Trincomalee
Irr:300kW::EAS
TOGO
RTV TOGOLAISE
Lomé-Togblekope
100kW:DS
RTV TOGOLAISE
Lomé-Togblekope
100kW:DS-ENGLISH, ETC
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

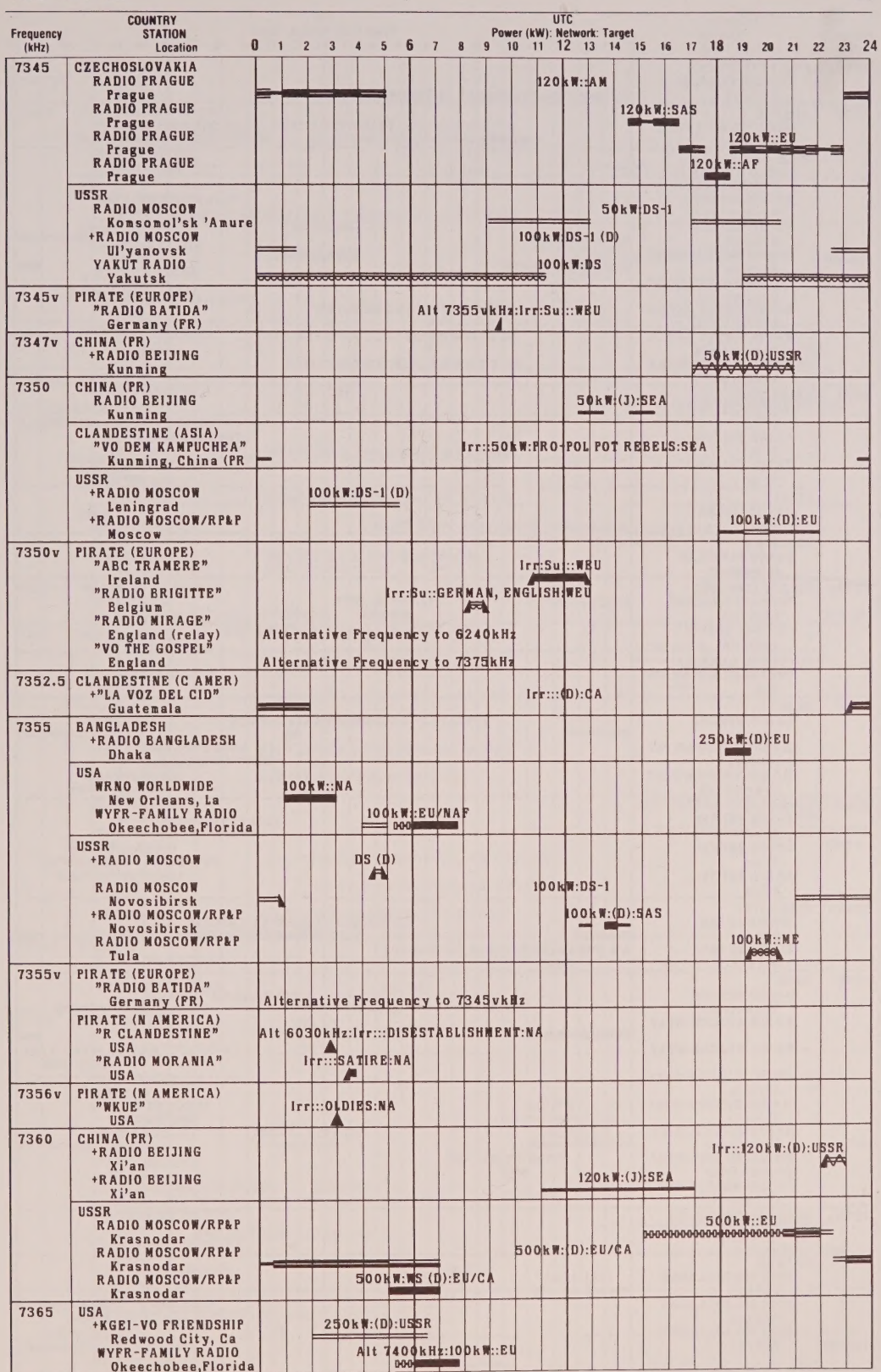

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7265 (con'd)
TURKEY
TURKISH RTV CORP
Ankara
250kW::ME/SAS
USSR
RADIO MOSCOW
Sverdlovsk
100kW:DS-1 (J)
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:WS:EAS/WNA
+RADIO MOSCOW/RP&P
Ryazan'
240kW:(D):ME
YAKUTSK RADIO
Yakutsk
100kW:DS
7270
GABON
+RTV GABONAISE
Franceville
250kW:DS-FRENCH, ETC
GERMANY (FR)
+VOICE OF AMERICA
Ismaning
100kW:(D):WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::WUSSR
INDONESIA
R REP INDONESIA
Jakarta
50kW:DS
MALAYSIA
RTM-SARAWAK
Kuching-Stapok
10kW:DS-VERNACULARS
POLAND
RADIO POLONIA
Warsaw
100kW::EU/ATL
RADIO POLONIA
Warsaw
100kW::WEU/NAF
RADIO POLONIA
Warsaw
100kW::EU
PORTUGAL
+DEUTSCHE WELLE
Sines
250kW:(D):EEU
SOUTH AFRICA
RADIO RSA
Meyerton
250kW::CAF/SAF
RADIO RSA
Meyerton
250kW::SAF
RADIO RSA
Meyerton
Su:250kW::SAF
USSR
+RADIO MOSCOW
DS-1 (D)
7275
CHINA (PR)
GUIZHOU PEOPLES BS
Guiyang
10kW:DS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME/SAS
ITALY
RTV ITALIANA
Rome
Alt 7375kHz:100kW::EEU/WUSSR
RTV ITALIANA
Rome
Alt 7375kHz:100kW::EU/NAF/ME
RTV ITALIANA
Rome
Alt 7375kHz:100kW::EU
RTV ITALIANA
Rome
Alt 7375kHz:100kW::NAF
KOREA (REPUBLIC)
RADIO KOREA
Suwŏn
50kW::EAS
MONACO
TRANS WORLD RADIO
Monte Carlo
100kW::EEU
TRANS WORLD RADIO
Monte Carlo
Sa-Th:100kW::EEU
TRANS WORLD RADIO
Monte Carlo
Sa/Su:100kW::EEU
PAKISTAN
AZAD KASHMIR RADIO
Rawalpindi
10kW:DS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
50kW::SEA
USSR
RADIO DUSHANBE
Dushanbé
50kW::ME/SAS
RADIO MOSCOW/RP&P
Dushanbé
50kW::ME/SAS
7280
CHINA (PR)
VO THE STRAIT-PLA
Fuzhou
15kW:TAIWAN-2
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
(con'd)
100kW::EEU/WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

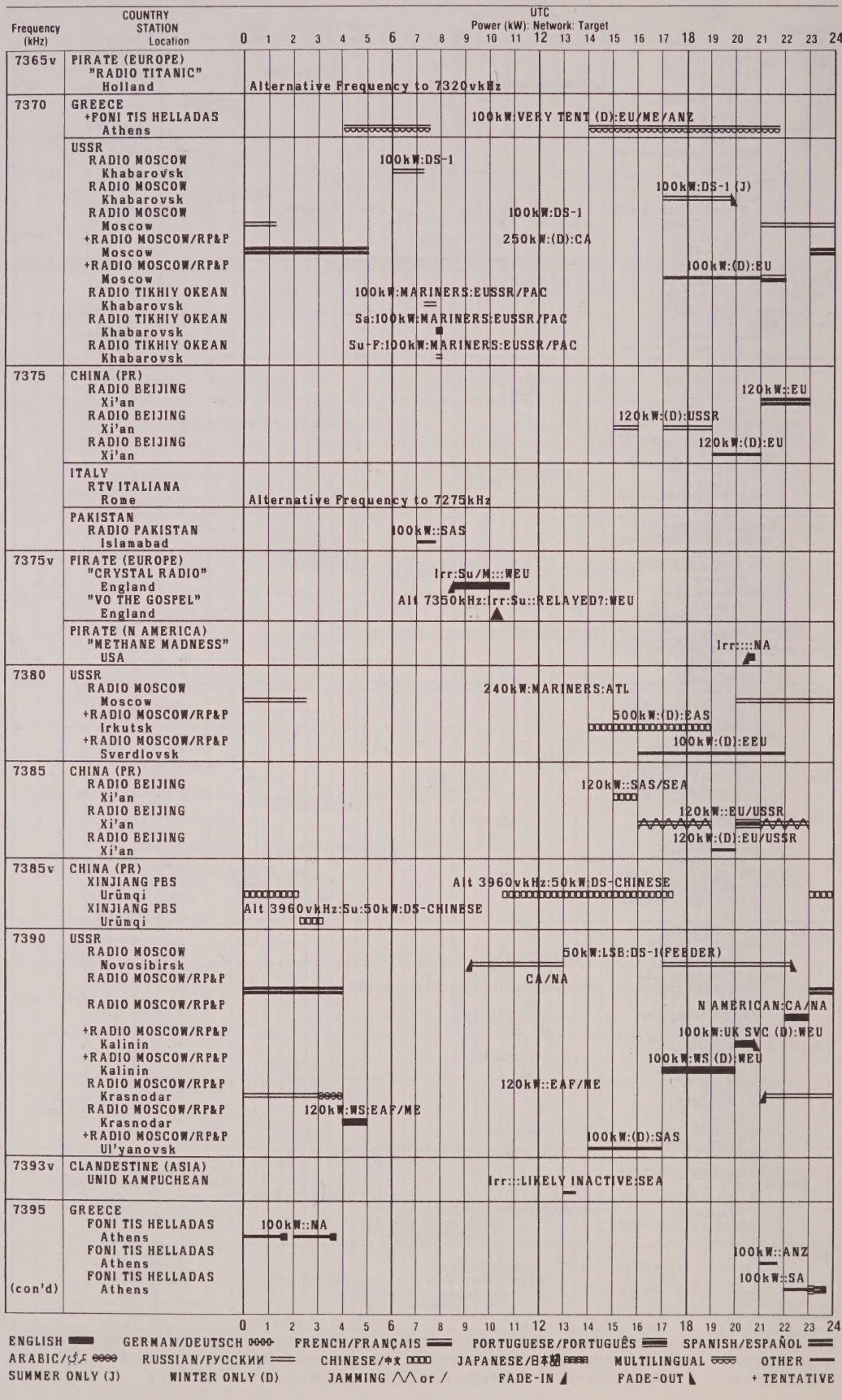

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7280 (con'd)
GREECE
VOICE OF AMERICA Kaválla
250kW::ME/SAS
VOICE OF AMERICA Kaválla
250kW::WUSSR
INDIA
ALL INDIA RADIO Delhi
50kW:DS-ENGLISH, ETC
ALL INDIA RADIO Gauhati
10kW:DS
LIBERIA
VOICE OF AMERICA Monrovia
50kW::CAF/EAF
USSR
+RADIO KIEV Moscow
200kW:(D):EU
+RADIO KIEV Moscow
240kW:G (D):EU
RADIO MOSCOW Moscow
200kW:MARINERS (J):ATL
RADIO MOSCOW Moscow
200kW:DS-1 (D)
RADIO MOSCOW/RP&P Komsomol'sk 'Amure
240kW:(D):EAS
+RADIO MOSCOW/RP&P Moscow
200kW:(D):CA
+RADIO MOSCOW/RP&P Moscow
200kW:(D):EU
7284.2
ZIMBABWE
ZIMBABWE BC CORP Gweru
Irr::100kW:DS-RADIO 1
7285
CHINA (PR)
GANSU PEOPLES BS Lanzhou
15kW:DS-VERNACULARS
CHINA (TAIWAN)
VOICE FREE CHINA T'ai-pei
SEA
VOICE OF ASIA Kao-hsiung
10kW:ENGLISH, CHINESE:SEA/EAS
CYPRUS
+BBC Zyyi
100kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::SAS/SEA
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::WUSSR
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::EEU
DEUTSCHE WELLE Jülich
100kW::WEU
MADAGASCAR
RADIO NEDERLAND Antananarivo
600kW::SEA
MALAGASY
RADIO NEDERLAND Antananarivo
300kW::SEA
MALI
RTV MALIENNE Bamako
18/50kW:DS-FRENCH, ETC
RTV MALIENNE Bamako
Su:18/50kW:DS-FRENCH, ETC
NIGERIA
RADIO NIGERIA Lagos
50kW:DS-ENGLISH, ETC
PHILIPPINES
VOICE OF AMERICA San Fernando-Poro
100kW::EAS
POLAND
RADIO POLONIA Warsaw
100kW::EU
RADIO POLONIA Warsaw
100kW::NAF
RADIO POLONIA Warsaw
100kW::EU/NAF
PORTUGAL
+DEUTSCHE WELLE Sines
250kW:(D):EEU
RADIO CANADA INTL Sines
250kW::WUSSR
SOUTH AFRICA
+SOUTH AFRICAN BC Meyerton
100kW:DS
USSR
+RADIO MOSCOW Moscow
240kW:DS-2 (D)
+RADIO MOSCOW/RP&P Chita
500kW:(D):SEA
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

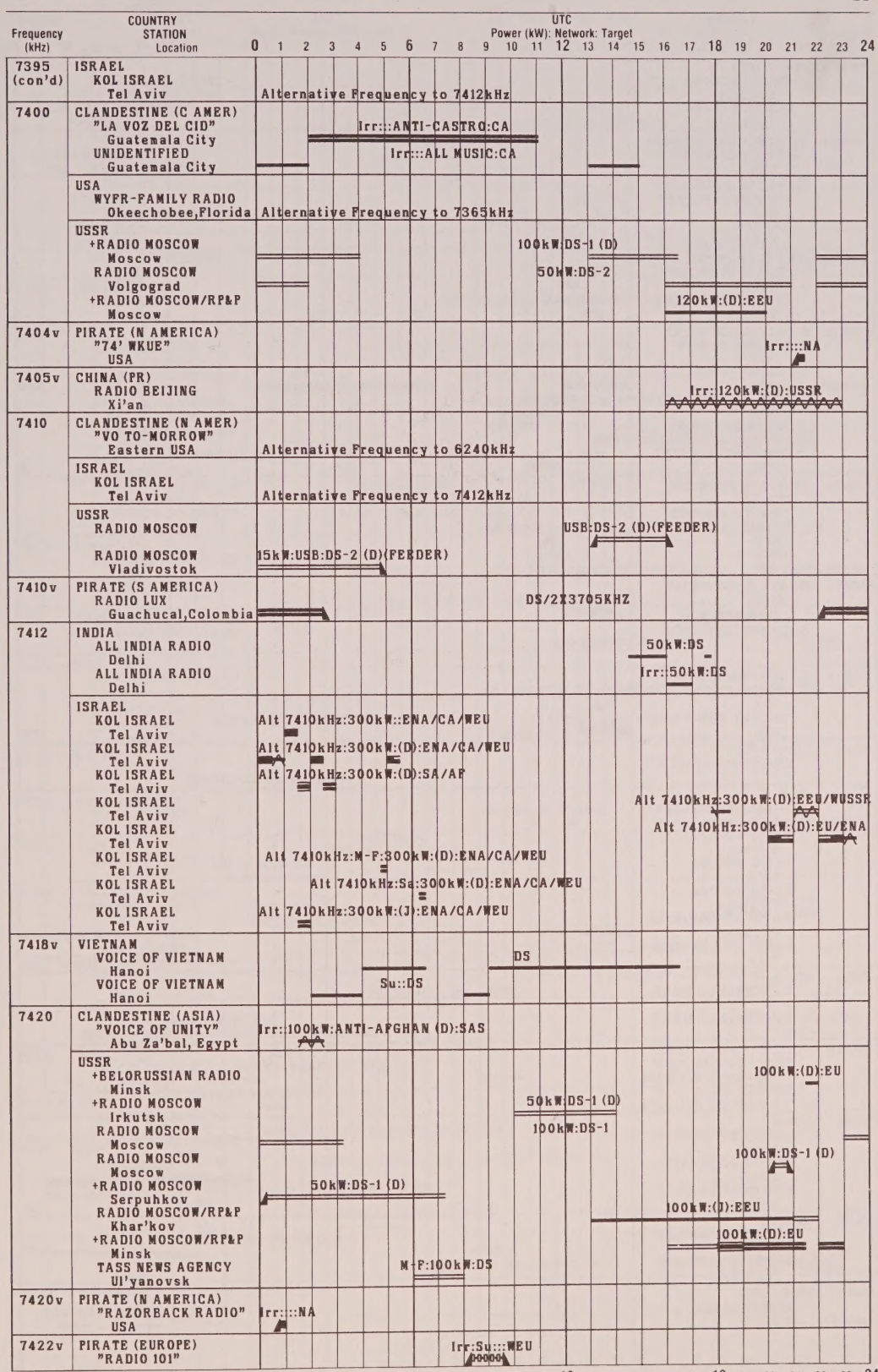

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7290
IRAQ
"NATIONAL VO IRAN"
Via Radio Baghdad
RADIO BAGHDAD
Balad-Salah 'Deen
Irr::500kW:ANTI-KHOMEYNI:ME
500kW:DS
ITALY
RTV ITALIANA
Rome
RTV ITALIANA
Rome
100kW::EU
100kW:(D):EU
PAKISTAN
PAKISTAN BC CORP
Islamabad
100kW:DS
PIRATE (EUROPE)
"RADIO BAVARIA"
Germany (FR)
Alternative Frequency to 7290kHz
SAUDI ARABIA
BS OF THE KINGDOM
Jeddah
50kW:DS
USSR
RADIO MOSCOW
Moscow
RADIO MOSCOW/RP&P
Vladivostok
240kW:MARINERS:ATL
240kW:WS (J):WNA/PAC
7295
BOTSWANA
RADIO BOTSWANA
Gaborone
RADIO BOTSWANA
Gaborone
50kW:DS
50kW:DS-ENGLISH, ETC
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
RADIO BERLIN INTL
Königswusterhausen
100kW::EU
100kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
RFE-RL
Lampertheim
500kW::EU/ME
100kW::WUSSR
GREAT BRITAIN
BBC
Daventry
BBC
Skelton, Cumbria
100kW::EEU
250kW::EU
INDIA
ALL INDIA RADIO
Aizawl
10kW:DS
INDONESIA
R REP INDONESIA
Manado
1kW:DS
ITALY
R MILANO/R EARTH
Milan
0.25/5kW:ENGLISH, ETC:EU
MALAYSIA
RADIO MALAYSIA
Kuala Lumpur
100kW:DS
SWAZILAND
TRANS WORLD RADIO
Manzini
TRANS WORLD RADIO
Manzini
25kW::SAF
25kW:(D):SAF
USSR
RADIO MOSCOW
Moscow
+RADIO MOSCOW/RP&P
Krasnoyarsk
+RADIO MOSCOW/RP&P
Krasnoyarsk
240kW:DS-1
500kW:(D):SEA
500kW:WS (D):SEA
ZAIRE
LA VOIX DU ZAIRE
Mbuji-Mayi
LA VOIX DU ZAIRE
Mbuji-Mayi
LA VOIX DU ZAIRE
Mbuji-Mayi
Irr::10kW:DS
Irr:Sa/Su:10kW:DS
Irr:Su:10kW:DS
7300
USSR
+RADIO MOSCOW/RP&P
Alma-Ata
+RADIO MOSCOW/RP&P
Khabarovsk
+RADIO MOSCOW/RP&P
Ul'yanovsk
100kW:(D):EU
240kW:N AMERICAN (D):WNA
250kW:(D):AM/EU
7300v
(con'd)
ALBANIA
RADIO TIRANA
Krujë
RADIO TIRANA
Krujë
RADIO TIRANA
Krujë
50/100kW::AM
50/100kW::EU
50/100kW::ME
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

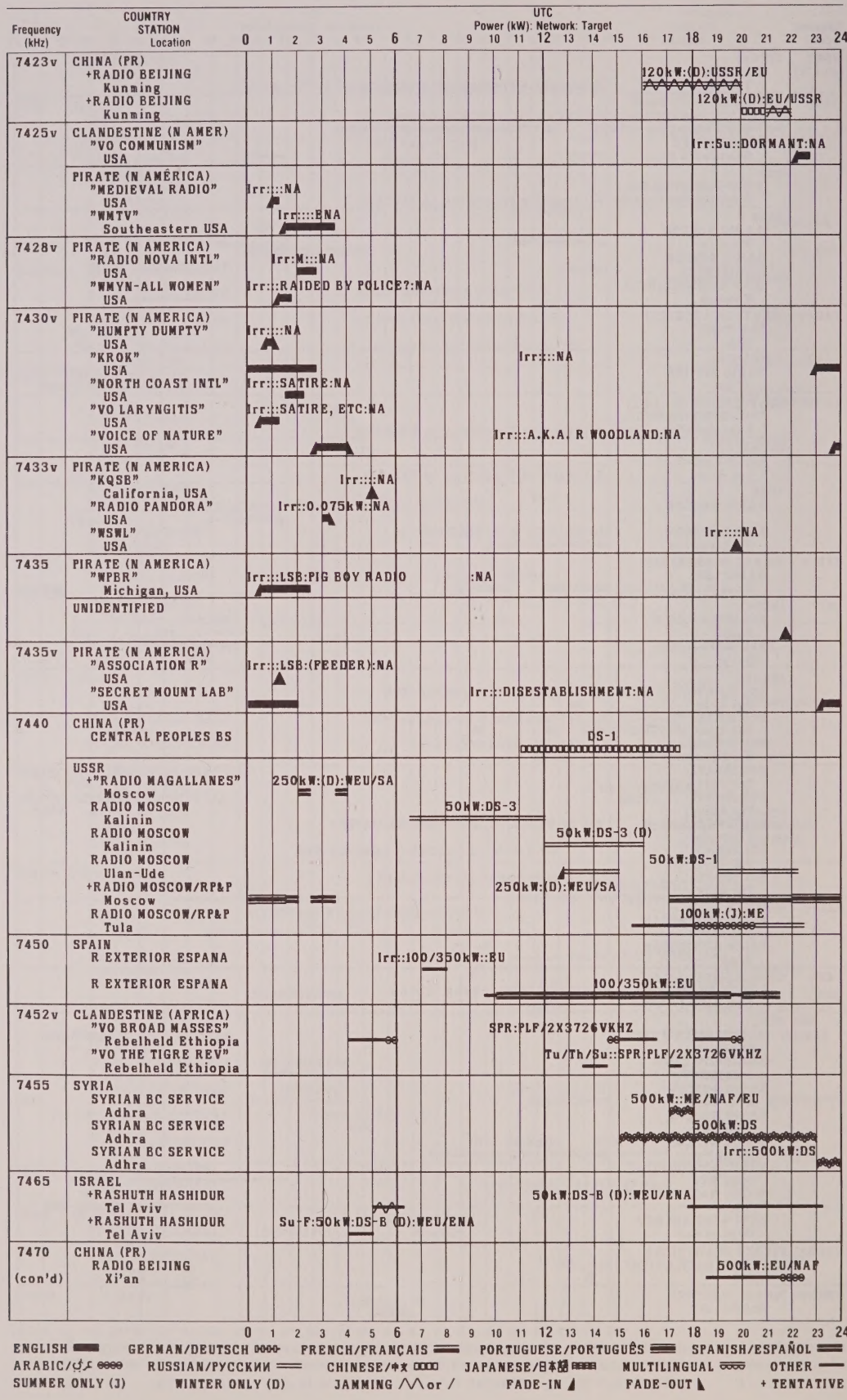

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7300v (con'd)
ALBANIA
RADIO TIRANA Krujë
50/100kW::AF
RADIO TIRANA Krujë
50/100kW
7305
USSR
+RADIO MOSCOW Krasnodar
100kW:DS-2
+RADIO MOSCOW Novosibirsk
100kW:DS-1 (D)
RADIO MOSCOW Star'obel'sk
100kW:DS-2
RADIO MOSCOW/RP&P Novosibirsk
100kW::EAS
RADIO MOSCOW/RP&P Star'obel'sk
100kW::ME
RADIO MOSCOW/RP&P Star'obel'sk
100kW:WS:ME
7310
PIRATE (EUROPE)
"RADIO BAVARIA" Germany (FR)
Alt 7290kHz:Irr:Su::WEU
USSR
+RADIO MOSCOW Khabarovsk
100kW:DS-2 (D)
RADIO MOSCOW Moscow
100kW::EU/ATL
RADIO MOSCOW Moscow
100kW:(D):EU/ATL
RADIO MOSCOW Nikolayevsk 'Amure
100kW:DS-2
+RADIO MOSCOW/RP&P Moscow
100kW:WS (D):EU/ATL
7310v
ALBANIA
RADIO TIRANA Krujë
15/50kW::EU
PERU
ONDAS DEL ORIENTE Nuevo Progreso
DS
7315
CHINA (PR)
+RADIO BEIJING Xi'an
120kW:(D):SAS
+RADIO BEIJING Xi'an
240kW:(D):USSR
CHINA (TAIWAN)
WYFR-FAMILY RADIO T'ai-pei
250kW::EAS
PAKISTAN
RADIO PAKISTAN Karachi
50kW::SAS/SEA
RADIO PAKISTAN Islamabad
100kW::ME
USSR
RADIO MOSCOW Kalinin
100kW:DS-1
RADIO MOSCOW Ul'yanovsk
100kW:DS-2
+RADIO MOSCOW/RP&P Irkutsk
500kW:(D):EAS
+RADIO MOSCOW/RP&P Irkutsk
500kW:WS (D):SAS
7316v
PIRATE (EUROPE)
"EAST COAST COMML" UK Or Holland
Irr:Su::RELAYED FROM HOL?:WEU
"FUTURE WORLD" Holland
Irr:Su::MAY RELAY OTHERS:WEU
7320
GREAT BRITAIN
+BBC
(D):ME
USSR
MAGADAN RADIO Yakutsk
100kW:DS
RADIO KIEV Star'obel'sk
100kW::EU
+RADIO MOSCOW/RP&P
WS (D)
+RADIO MOSCOW/RP&P Krasnodar
500kW:N AMERICAN (D):ENA
RADIO MOSCOW/RP&P Star'obel'sk
100kW::EU
RADIO MOSCOW/RP&P Star'obel'sk
100kW:WS:EU
7320v
CLANDESTINE (ASIA)
"VIET RESISTANCE" Eastern Thailand
ANTI-HANOI:SEA
PIRATE (EUROPE)
"RADIO TITANIC" Holland
Alt 7365kHz:Irr:Su::WEU
7325 (con'd)
GREAT BRITAIN
BBC Multiple Locations
WS:AM/WAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

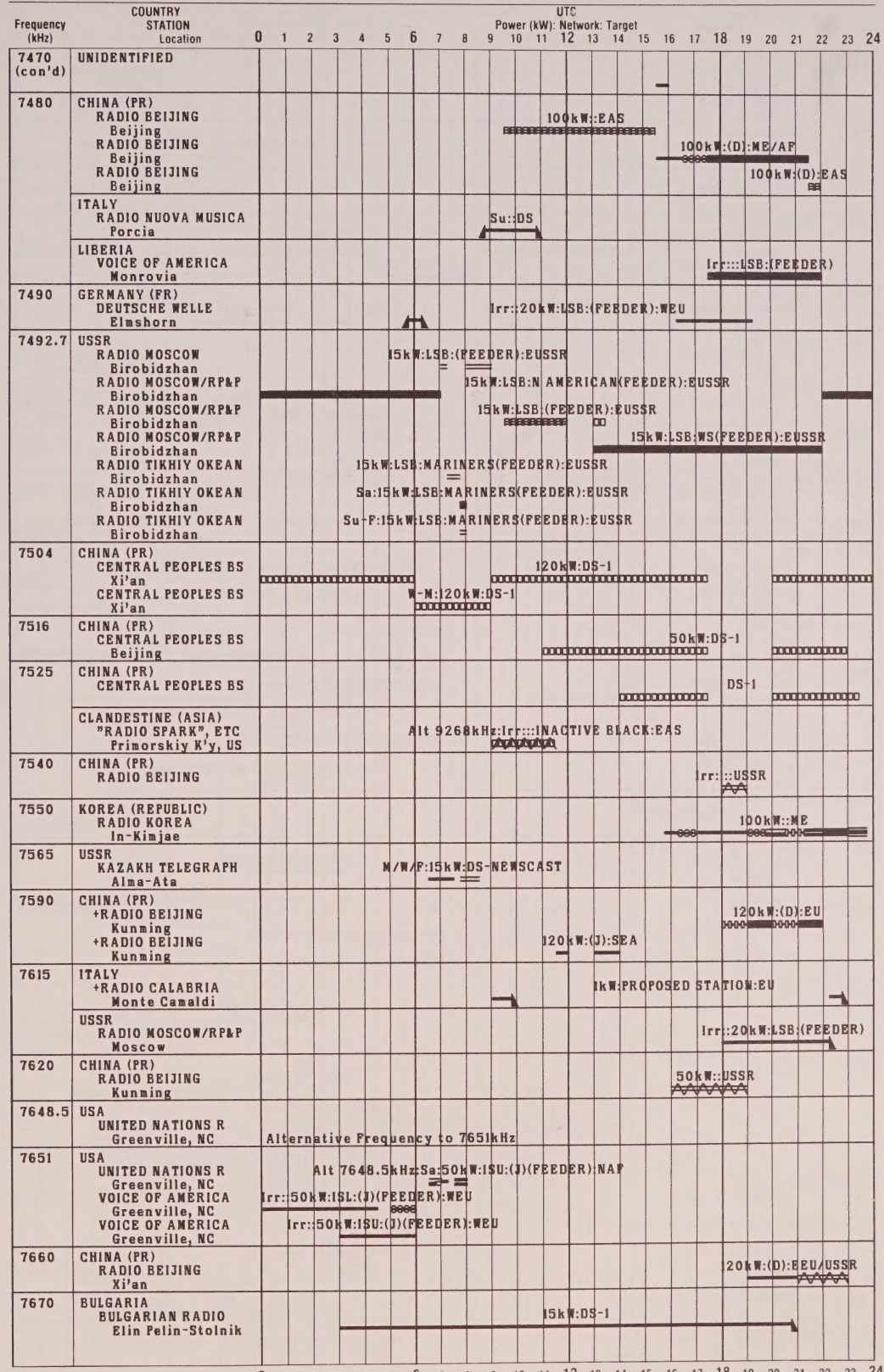

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7325 (con'd)
GREAT BRITAIN
BBC Multiple Locations
BBC Multiple Locations
BBC Multiple Locations
BBC Multiple Locations
VOICE OF AMERICA Woofferton
EEU
Irr:::WS
WS:EU/AF
WS (D):EU
300kW::EU
PAKISTAN
+PAKISTAN BC CORP Rawalpindi
+PAKISTAN BC CORP Rawalpindi
10kW:DS (D)
Sa-Th:10kW:DS (D)
USSR
RADIO MOSCOW Novosibirsk
RADIO MOSCOW Novosibirsk
+RADIO MOSCOW/RP&P Novosibirsk
50kW:DS-1
50kW:DS-2 (J)
500kW:(D):EU
7325v
CLANDESTINE (EUROPE) "RADIO ENOCH" England
Irr:::ANTI-IMMIGRATION:WEU
7330
USSR
RADIO MOSCOW/RP&P Chita
RADIO MOSCOW/RP&P Chita
+RADIO MOSCOW/RP&P Khabarovsk
RADIO MOSCOW/RP&P Kiev
+RADIO MOSCOW/RP&P Krasnodar
100kW::EAS
100kW:(D):SAS/ME
240kW:(D):EAS
100kW::EU/ATL
500kW:(D):WEU/ATL
7330v
PIRATE (EUROPE) "ATLANTIQUE 2000" France
Alt 6272vkHz:Irr:Su::FRENCH, ENGLISH:WEU
7335
CHINA (PR)
CENTRAL PEOPLES BS Xi'an
+RADIO BEIJING Xi'an
+RADIO BEIJING Xi'an
50kW:DS-1
120kW:(D):EAF
120kW:(D):EU/NAF
USSR
RADIO MOSCOW Khabarovsk
RADIO MOSCOW Khabarovsk
+RADIO MOSCOW/RP&P Simferopol'
+RADIO MOSCOW/RP&P Simferopol'
+RADIO MOSCOW/RP&P Simferopol'
+RADIO MOSCOW/RP&P Simferopol'
+RADIO MOSCOW/RP&P Simferopol'
RADIO TASHKENT Tashkent
RADIO TIKHIY OKEAN Khabarovsk
100kW:DS-1
100kW:DS-2
500kW:N AMERICAN (D):NA/CA
500kW:(D):NA/CA
500kW:UK SVC (D):EU
500kW:WS (D):NA/CA
500kW:WS (D):EU
100kW::ME
100kW:MARINERS
7338v
PIRATE (EUROPE) "RADIO WAVES INTL" France
Irr:Su:::WEU
7340
USSR
RADIO MOSCOW Krasnoyarsk
+RADIO MOSCOW Leningrad
+RADIO MOSCOW Yerevan
+RADIO MOSCOW/RP&P
+RADIO MOSCOW/RP&P Irkutsk
+RADIO MOSCOW/RP&P Irkutsk
+RADIO MOSCOW/RP&P Kalinin
RADIO TASHKENT Frunze, Kirgiziya
TASS NEWS AGENCY Tula
100kW:DS-2 (J)
100kW:DS-1 (D)
120kW:(D):ATL
WS (D)
500kW:(D):EAS
500kW:(D):SAS
100kW:(D):EU
100kW:(J):SAS
M-F:50kW:DS
7340v
PIRATE (PACIFIC) "RADIO KIWI" New Zealand
Alternative Frequency to 5849vkHz
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

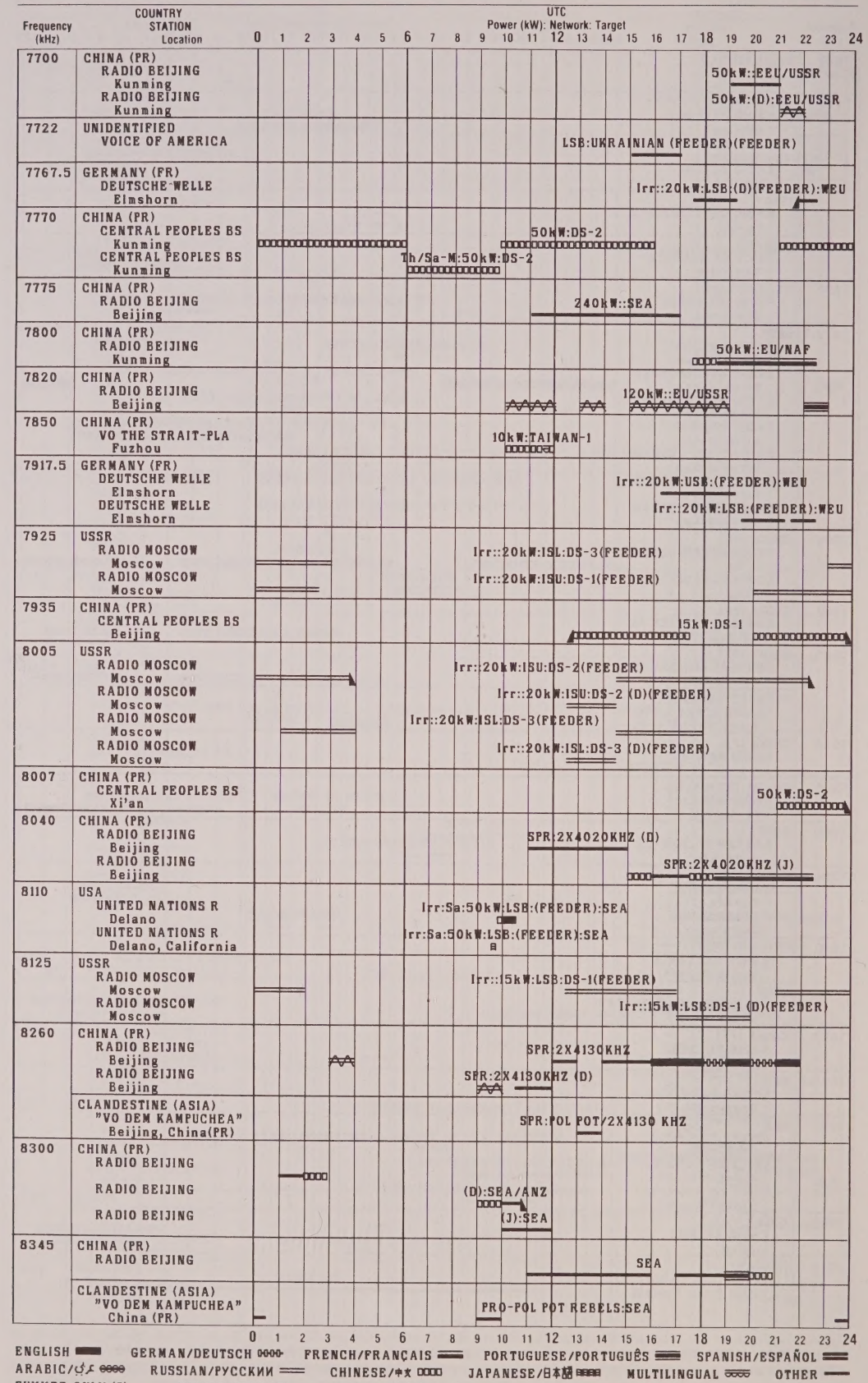

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7345
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
RADIO PRAGUE
Prague
RADIO PRAGUE
Prague
RADIO PRAGUE
Prague
120kW::AM
120kW::SAS
120kW::EU
120kW::AF
USSR
RADIO MOSCOW
Komsomol'sk 'Amure
+RADIO MOSCOW
Ul'yanovsk
YAKUT RADIO
Yakutsk
50kW:DS-1
100kW:DS-1 (D)
100kW:DS
7345v
PIRATE (EUROPE)
"RADIO BATIDA"
Germany (FR)
Alt 7355vkHz:Irr:Su::WEU
7347v
CHINA (PR)
+RADIO BEIJING
Kunming
50kW:(D):USSR
7350
CHINA (PR)
RADIO BEIJING
Kunming
50kW:(J):SEA
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
Kunming, China (PR
Irr::50kW:FRO-POL POT REBELS:SEA
USSR
+RADIO MOSCOW
Leningrad
+RADIO MOSCOW/RP&P
Moscow
100kW:DS-1 (D)
100kW:(D):EU
7350v
PIRATE (EUROPE)
"ABC TRAMERE"
Ireland
"RADIO BRIGITTE"
Belgium
"RADIO MIRAGE"
England (relay)
"VO THE GOSPEL"
England
Irr:Su::WEU
Irr:Su::GERMAN, ENGLISH:WEU
Alternative Frequency to 6240kHz
Alternative Frequency to 7375kHz
7352.5
CLANDESTINE (C AMER)
+"LA VOZ DEL CID"
Guatemala
Irr:::(D):CA
7355
BANGLADESH
+RADIO BANGLADESH
Dhaka
250kW:(D):EU
USA
WRNO WORLDWIDE
New Orleans, La
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::NA
100kW::EU/NAF
USSR
+RADIO MOSCOW
RADIO MOSCOW
Novosibirsk
+RADIO MOSCOW/RP&P
Novosibirsk
RADIO MOSCOW/RP&P
Tula
DS (D)
100kW:DS-1
100kW:(D):SAS
100kW::ME
7355v
PIRATE (EUROPE)
"RADIO BATIDA"
Germany (FR)
Alternative Frequency to 7345vkHz
PIRATE (N AMERICA)
"R CLANDESTINE"
USA
"RADIO MORANIA"
USA
Alt 6030kHz:Irr:::DISESTABLISHMENT:NA
Irr:::SATIRE:NA
7356v
PIRATE (N AMERICA)
"WKUE"
USA
Irr:::OLDIES:NA
7360
CHINA (PR)
+RADIO BEIJING
Xi'an
+RADIO BEIJING
Xi'an
Irr::120kW:(D):USSR
120kW:(J):SEA
USSR
RADIO MOSCOW/RP&P
Krasnodar
RADIO MOSCOW/RP&P
Krasnodar
RADIO MOSCOW/RP&P
Krasnodar
500kW::EU
500kW::(D):EU/CA
500kW:WS (D):EU/CA
7365
USA
+KGEI-VO FRIENDSHIP
Redwood City, Ca
WYFR-FAMILY RADIO
Okeechobee,Florida
250kW:(D):USSR
Alt 7400kHz:100kW::EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

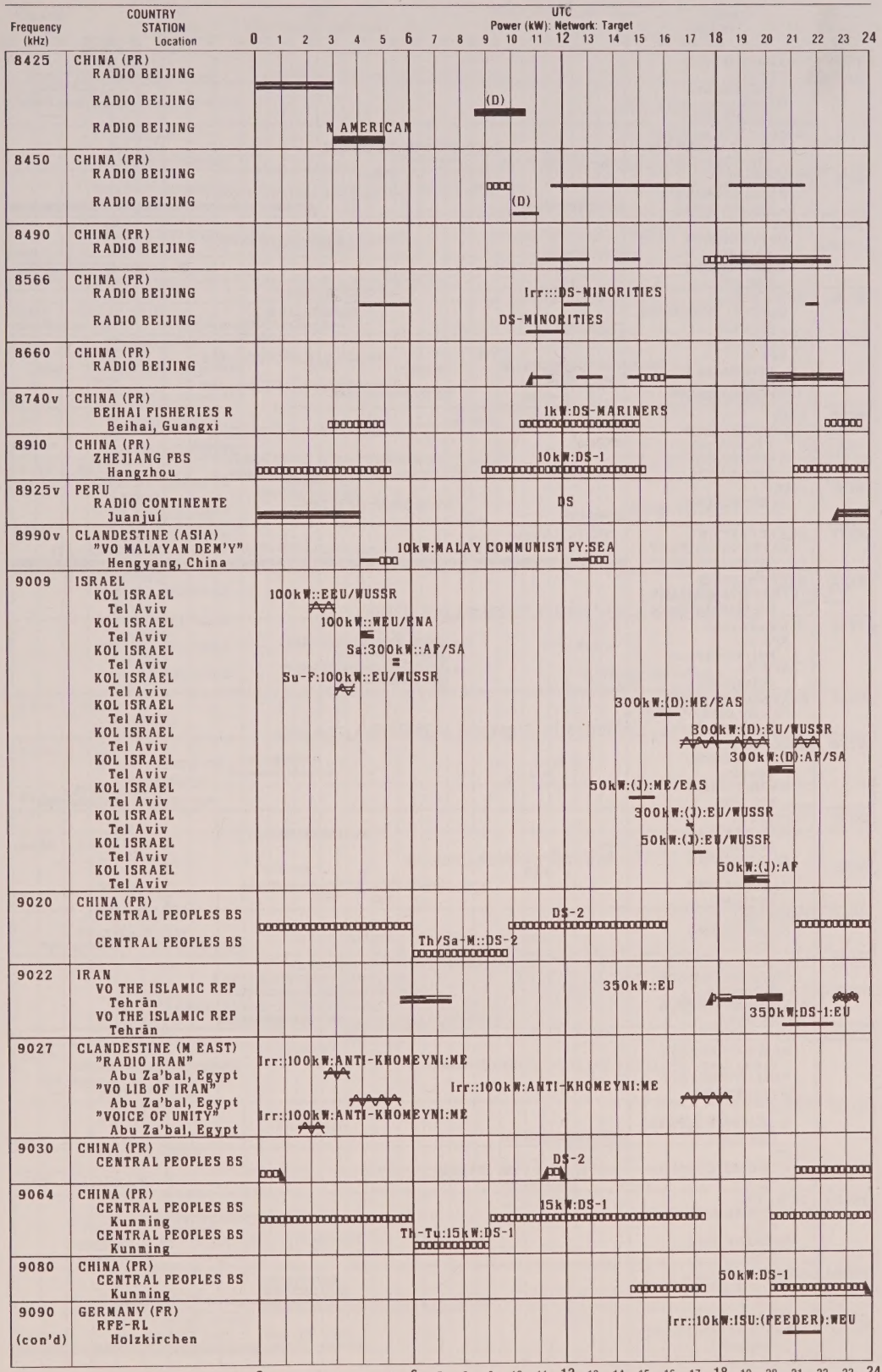

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7365v
PIRATE (EUROPE) "RADIO TITANIC" Holland
Alternative Frequency to 7320vkHz
7370
GREECE +FONI TIS HELLADAS Athens
100kW:VERY TENT (D):EU/ME/ANZ
USSR RADIO MOSCOW Khabarovsk
100kW:DS-1
RADIO MOSCOW Khabarovsk
100kW:DS-1 (J)
RADIO MOSCOW Moscow
100kW:DS-1
+RADIO MOSCOW/RP&P Moscow
250kW:(D):CA
+RADIO MOSCOW/RP&P Moscow
100kW:(D):EU
RADIO TIKHIY OKEAN Khabarovsk
100kW:MARINERS:EUSSR/PAC
RADIO TIKHIY OKEAN Khabarovsk
Sa:100kW:MARINERS:EUSSR/PAC
RADIO TIKHIY OKEAN Khabarovsk
Su-F:100kW:MARINERS:EUSSR/PAC
7375
CHINA (PR) RADIO BEIJING Xi'an
120kW::EU
RADIO BEIJING Xi'an
120kW:(D):USSR
RADIO BEIJING Xi'an
120kW:(D):EU
ITALY RTV ITALIANA Rome
Alternative Frequency to 7275kHz
PAKISTAN RADIO PAKISTAN Islamabad
100kW::SAS
7375v
PIRATE (EUROPE) "CRYSTAL RADIO" England
Irr:Su/M:::WEU
"VO THE GOSPEL" England
Alt 7350kHz:Irr:Su::RELAYED?:WEU
PIRATE (N AMERICA) "METHANE MADNESS" USA
Irr::::NA
7380
USSR RADIO MOSCOW Moscow
240kW:MARINERS:ATL
+RADIO MOSCOW/RP&P Irkutsk
500kW:(D):EAS
+RADIO MOSCOW/RP&P Sverdlovsk
100kW:(D):EEU
7385
CHINA (PR) RADIO BEIJING Xi'an
120kW::SAS/SEA
RADIO BEIJING Xi'an
120kW::EU/USSR
RADIO BEIJING Xi'an
120kW:(D):EU/USSR
7385v
CHINA (PR) XINJIANG PBS Urümqi
Alt 3960vkHz:50kW:DS-CHINESE
XINJIANG PBS Urümqi
Alt 3960vkHz:Su:50kW:DS-CHINESE
7390
USSR RADIO MOSCOW Novosibirsk
50kW:LSB:DS-1(FEEDER)
RADIO MOSCOW/RP&P
CA/NA
RADIO MOSCOW/RP&P
N AMERICAN:CA/NA
+RADIO MOSCOW/RP&P Kalinin
100kW:UK SVC (D):WEU
+RADIO MOSCOW/RP&P Kalinin
100kW:WS (D):WEU
RADIO MOSCOW/RP&P Krasnodar
120kW::EAF/ME
RADIO MOSCOW/RP&P Krasnodar
120kW:WS:EAF/ME
+RADIO MOSCOW/RP&P Ul'yanovsk
100kW:(D):SAS
7393v
CLANDESTINE (ASIA) UNID KAMPUCHEAN
Irr:::LIKELY INACTIVE:SEA
7395
GREECE FONI TIS HELLADAS Athens
100kW::NA
FONI TIS HELLADAS Athens
100kW::ANZ
FONI TIS HELLADAS Athens
100kW::SA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

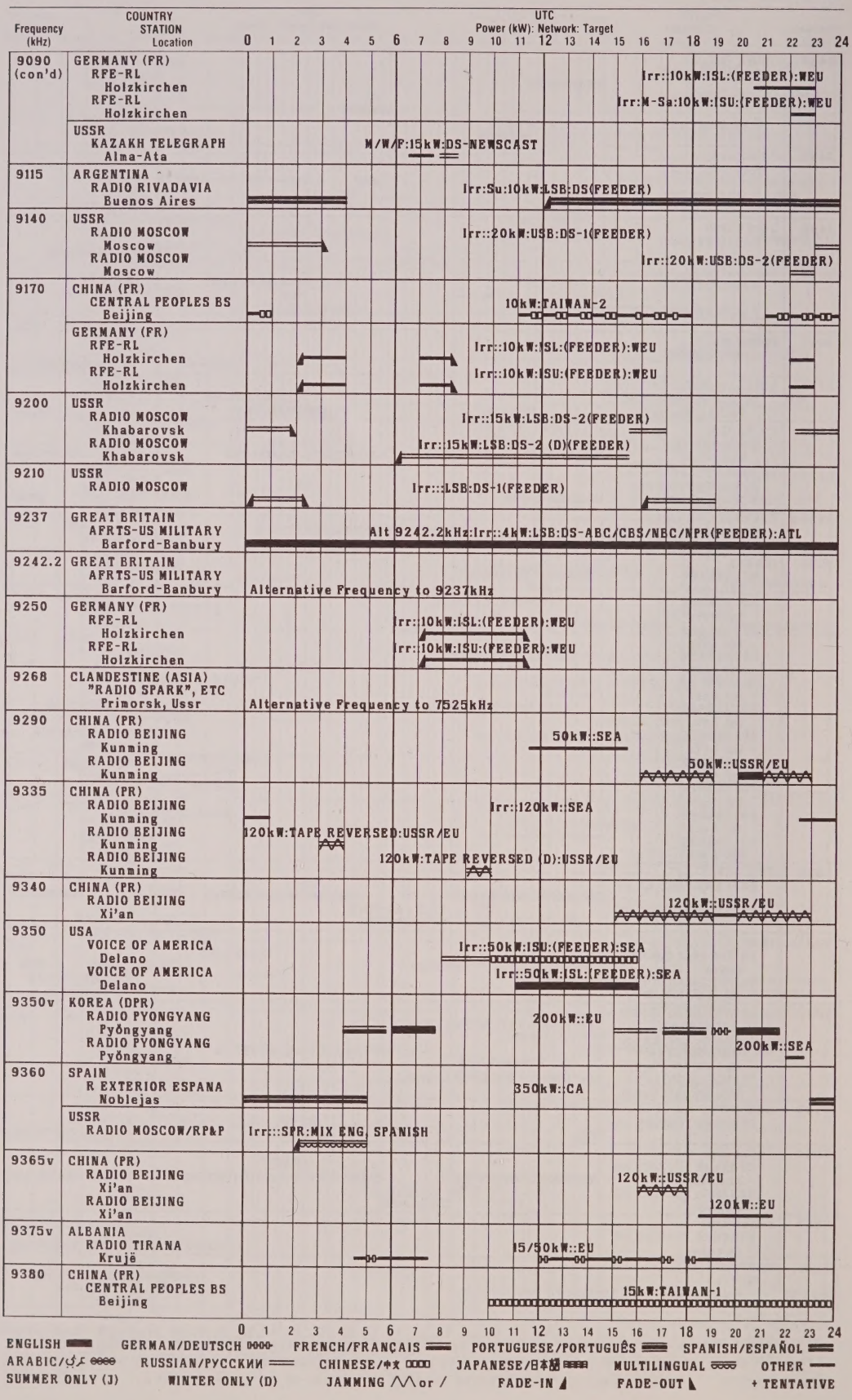

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7395 (con'd)
ISRAEL
KOL ISRAEL
Tel Aviv
Alternative Frequency to 7412kHz
7400
CLANDESTINE (C AMER)
"LA VOZ DEL CID"
Guatemala City
Irr:::ANTI-CASTRO:CA
UNIDENTIFIED
Guatemala City
Irr:::ALL MUSIC:CA
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
Alternative Frequency to 7365kHz
USSR
+RADIO MOSCOW
Moscow
100kW:DS-1 (D)
RADIO MOSCOW
Volgograd
50kW:DS-2
+RADIO MOSCOW/RP&P
Moscow
120kW:(D):EEU
7404v
PIRATE (N AMERICA)
"74' WKUE"
USA
Irr::::NA
7405v
CHINA (PR)
RADIO BEIJING
Xi'an
Irr:120kW:(D):USSR
7410
CLANDESTINE (N AMER)
"VO TO-MORROW"
Eastern USA
Alternative Frequency to 6240kHz
ISRAEL
KOL ISRAEL
Tel Aviv
Alternative Frequency to 7412kHz
USSR
RADIO MOSCOW
USB:DS-2 (D)(FEEDER)
RADIO MOSCOW
Vladivostok
15kW:USB:DS-2 (D)(FEEDER)
7410v
PIRATE (S AMERICA)
RADIO LUX
Guachucal,Colombia
DS/2X3705KHZ
7412
INDIA
ALL INDIA RADIO
Delhi
50kW:DS
ALL INDIA RADIO
Delhi
Irr::50kW:DS
ISRAEL
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW::ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW:(D):ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW:(D):SA/AF
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW:(D):EEU/WUSSR
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW:(D):EU/ENA
KOL ISRAEL
Tel Aviv
Alt 7410kHz:M-F:300kW:(D):ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 7410kHz:Sa:300kW:(D):ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 7410kHz:300kW:(J):ENA/CA/WEU
7418v
VIETNAM
VOICE OF VIETNAM
Hanoi
DS
VOICE OF VIETNAM
Hanoi
Su::DS
7420
CLANDESTINE (ASIA)
"VOICE OF UNITY"
Abu Za'bal, Egypt
Irr::100kW:ANTI-AFGHAN (D):SAS
USSR
+BELORUSSIAN RADIO
Minsk
100kW:(D):EU
+RADIO MOSCOW
Irkutsk
50kW:DS-1 (D)
RADIO MOSCOW
Moscow
100kW:DS-1
RADIO MOSCOW
Moscow
100kW:DS-1 (D)
+RADIO MOSCOW
Serpuhkov
50kW:DS-1 (D)
RADIO MOSCOW/RP&P
Khar'kov
100kW:(J):EEU
+RADIO MOSCOW/RP&P
Minsk
100kW:(D):EU
TASS NEWS AGENCY
Ul'yanovsk
M-F:100kW:DS
7420v
PIRATE (N AMERICA)
"RAZORBACK RADIO"
USA
Irr:::NA
7422v
PIRATE (EUROPE)
"RADIO 101"
Irr:Su:::WEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

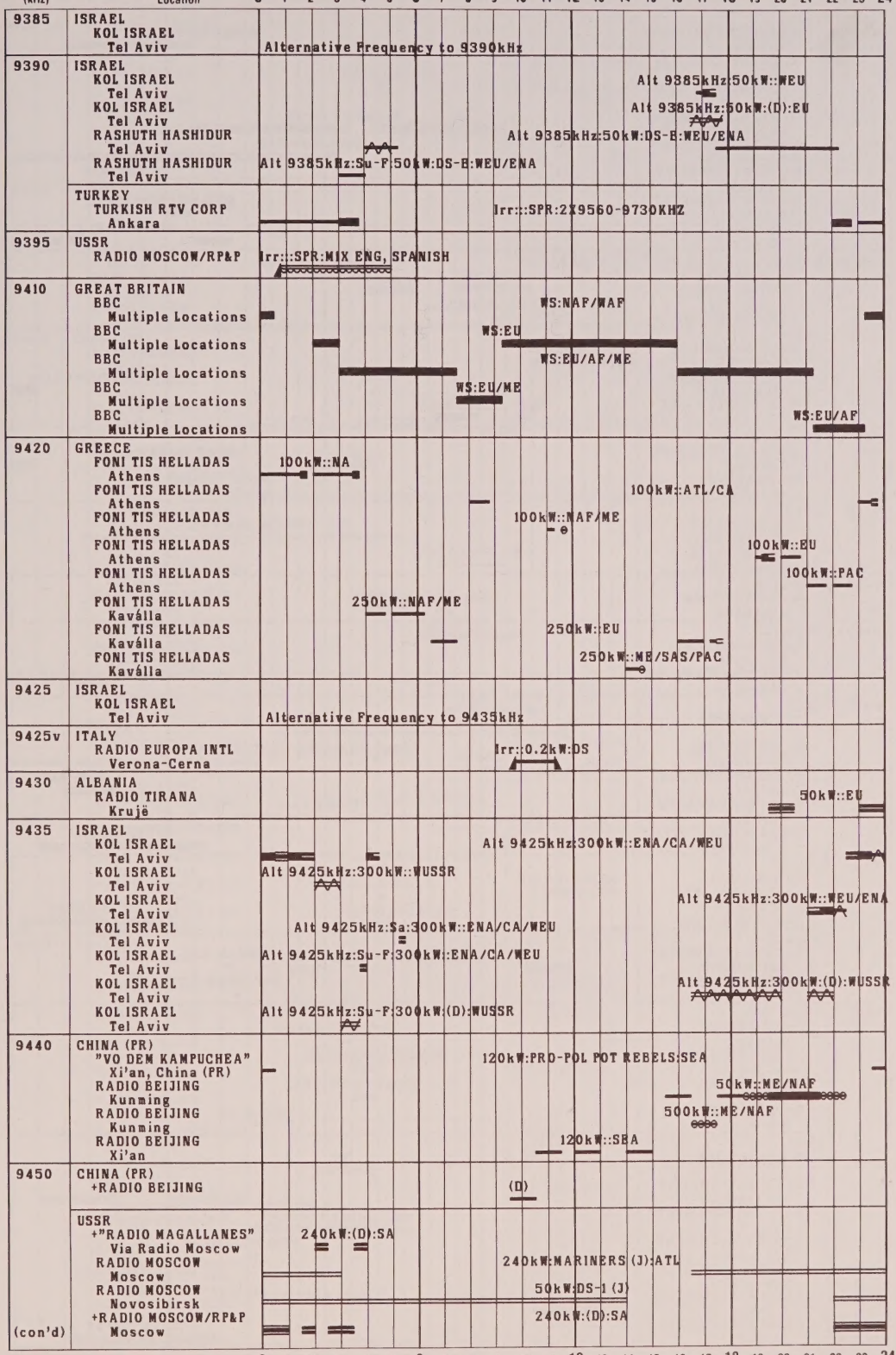

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7423v
CHINA (PR)
+RADIO BEIJING
Kunming
+RADIO BEIJING
Kunming
120kW:(D):USSR/EU
120kW:(D):EU/USSR
7425v
CLANDESTINE (N AMER)
"VO COMMUNISM"
USA
Irr:Su::DORMANT:NA
PIRATE (N AMERICA)
"MEDIEVAL RADIO"
USA
"WMTV"
Southeastern USA
Irr::::NA
Irr::::ENA
7428v
PIRATE (N AMERICA)
"RADIO NOVA INTL"
USA
"WMYN-ALL WOMEN"
USA
Irr:M:::NA
Irr:::RAIDED BY POLICE?:NA
7430v
PIRATE (N AMERICA)
"HUMPTY DUMPTY"
USA
"KROK"
USA
"NORTH COAST INTL"
USA
"VO LARYNGITIS"
USA
"VOICE OF NATURE"
USA
Irr::::NA
Irr:::SATIRE:NA
Irr:::SATIRE, ETC:NA
Irr:::NA
Irr:::A.K.A. R WOODLAND:NA
7433v
PIRATE (N AMERICA)
"KQSB"
California, USA
"RADIO PANDORA"
USA
"WSWL"
USA
Irr::::NA
Irr:::0.075kW::NA
Irr::::NA
7435
PIRATE (N AMERICA)
"WPBR"
Michigan, USA
Irr:::LSB:PIG BOY RADIO :NA
UNIDENTIFIED
7435v
PIRATE (N AMERICA)
"ASSOCIATION R"
USA
"SECRET MOUNT LAB"
USA
Irr:::LSB:(FEEDER):NA
Irr:::DISESTABLISHMENT:NA
7440
CHINA (PR)
CENTRAL PEOPLES BS
DS-1
USSR
+"RADIO MAGALLANES"
Moscow
RADIO MOSCOW
Kalinin
RADIO MOSCOW
Kalinin
RADIO MOSCOW
Ulan-Ude
+RADIO MOSCOW/RP&P
Moscow
RADIO MOSCOW/RP&P
Tula
250kW:(D):WEU/SA
50kW:DS-3
50kW:DS-3 (D)
50kW:DS-1
250kW:(D):WEU/SA
100kW:(J):ME
7450
SPAIN
R EXTERIOR ESPANA
R EXTERIOR ESPANA
Irr::100/350kW::EU
100/350kW::EU
7452v
CLANDESTINE (AFRICA)
"VO BROAD MASSES"
Rebelheld Ethiopia
"VO THE TIGRE REV"
Rebelheld Ethiopia
SPR:PLF/2X3726VKHZ
Tu/Th/Su::SPR:PLF/2X3726VKHZ
7455
SYRIA
SYRIAN BC SERVICE
Adhra
SYRIAN BC SERVICE
Adhra
SYRIAN BC SERVICE
Adhra
500kW::ME/NAF/EU
500kW:DS
Irr::500kW:DS
7465
ISRAEL
+RASHUTH HASHIDUR
Tel Aviv
+RASHUTH HASHIDUR
Tel Aviv
50kW:DS-B (D):WEU/ENA
Su+F:50kW:DS-B (D):WEU/ENA
7470
(con'd)
CHINA (PR)
RADIO BEIJING
Xi'an
500kW::EU/NAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

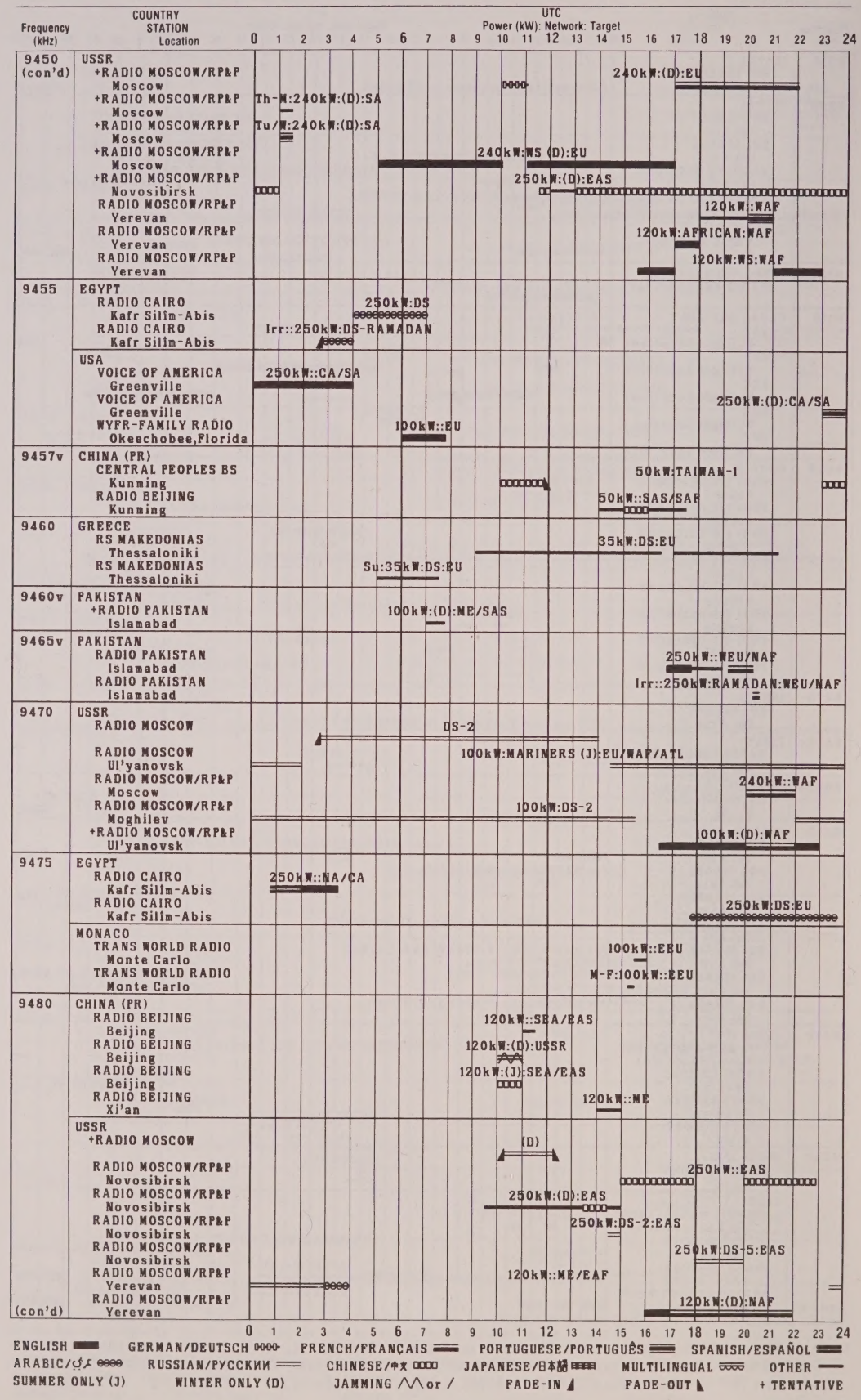

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7470 (con'd)
UNIDENTIFIED
7480
CHINA (PR)
RADIO BEIJING Beijing
100kW::EAS
RADIO BEIJING Beijing
100kW:(D):ME/AF
RADIO BEIJING Beijing
100kW:(D):EAS
ITALY
RADIO NUOVA MUSICA Porcia
Su::DS
LIBERIA
VOICE OF AMERICA Monrovia
Irr:::LSB:(FEEDER)
7490
GERMANY (FR)
DEUTSCHE WELLE Elmshorn
Irr::20kW:LSB:(FEEDER):WEU
7492.7
USSR
RADIO MOSCOW Birobidzhan
15kW:LSB:(FEEDER):EUSSR
RADIO MOSCOW/RP&P Birobidzhan
15kW:LSB:N AMERICAN(FEEDER):EUSSR
RADIO MOSCOW/RP&P Birobidzhan
15kW:LSB:(FEEDER):EUSSR
RADIO MOSCOW/RP&P Birobidzhan
15kW:LSB:WS(FEEDER):EUSSR
RADIO TIKHIY OKEAN Birobidzhan
15kW:LSB:MARINERS(FEEDER):EUSSR
RADIO TIKHIY OKEAN Birobidzhan
Sa:15kW:LSB:MARINERS(FEEDER):EUSSR
RADIO TIKHIY OKEAN Birobidzhan
Su-F:15kW:LSB:MARINERS(FEEDER):EUSSR
7504
CHINA (PR)
CENTRAL PEOPLES BS Xi'an
120kW:DS-1
CENTRAL PEOPLES BS Xi'an
W-M:120kW:DS-1
7516
CHINA (PR)
CENTRAL PEOPLES BS Beijing
50kW:DS-1
7525
CHINA (PR)
CENTRAL PEOPLES BS
DS-1
CLANDESTINE (ASIA)
"RADIO SPARK", ETC Primorskiy K'y, US
Alt 9268kHz:Irr:::INACTIVE BLACK:EAS
7540
CHINA (PR)
RADIO BEIJING
Irr:::USSR
7550
KOREA (REPUBLIC)
RADIO KOREA In-Kimjae
100kW::ME
7565
USSR
KAZAKH TELEGRAPH Alma-Ata
M/W/F:15kW:DS-NEWSCAST
7590
CHINA (PR)
+RADIO BEIJING Kunming
120kW:(D):EU
+RADIO BEIJING Kunming
120kW:(J):SEA
7615
ITALY
+RADIO CALABRIA Monte Camaldi
1kW:PROPOSED STATION:EU
USSR
RADIO MOSCOW/RP&P Moscow
Irr::20kW:LSB:(FEEDER)
7620
CHINA (PR)
RADIO BEIJING Kunming
50kW::USSR
7648.5
USA
UNITED NATIONS R Greenville, NC
Alternative Frequency to 7651kHz
7651
USA
UNITED NATIONS R Greenville, NC
Alt 7648.5kHz:Sa:50kW:ISU:(J)(FEEDER):NAF
VOICE OF AMERICA Greenville, NC
Irr::50kW:ISL:(J)(FEEDER):WEU
VOICE OF AMERICA Greenville, NC
Irr::50kW:ISU:(J)(FEEDER):WEU
7660
CHINA (PR)
RADIO BEIJING Xi'an
120kW:(D):EEU/USSR
7670
BULGARIA
BULGARIAN RADIO Elin Pelin-Stolnik
15kW:DS-1
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

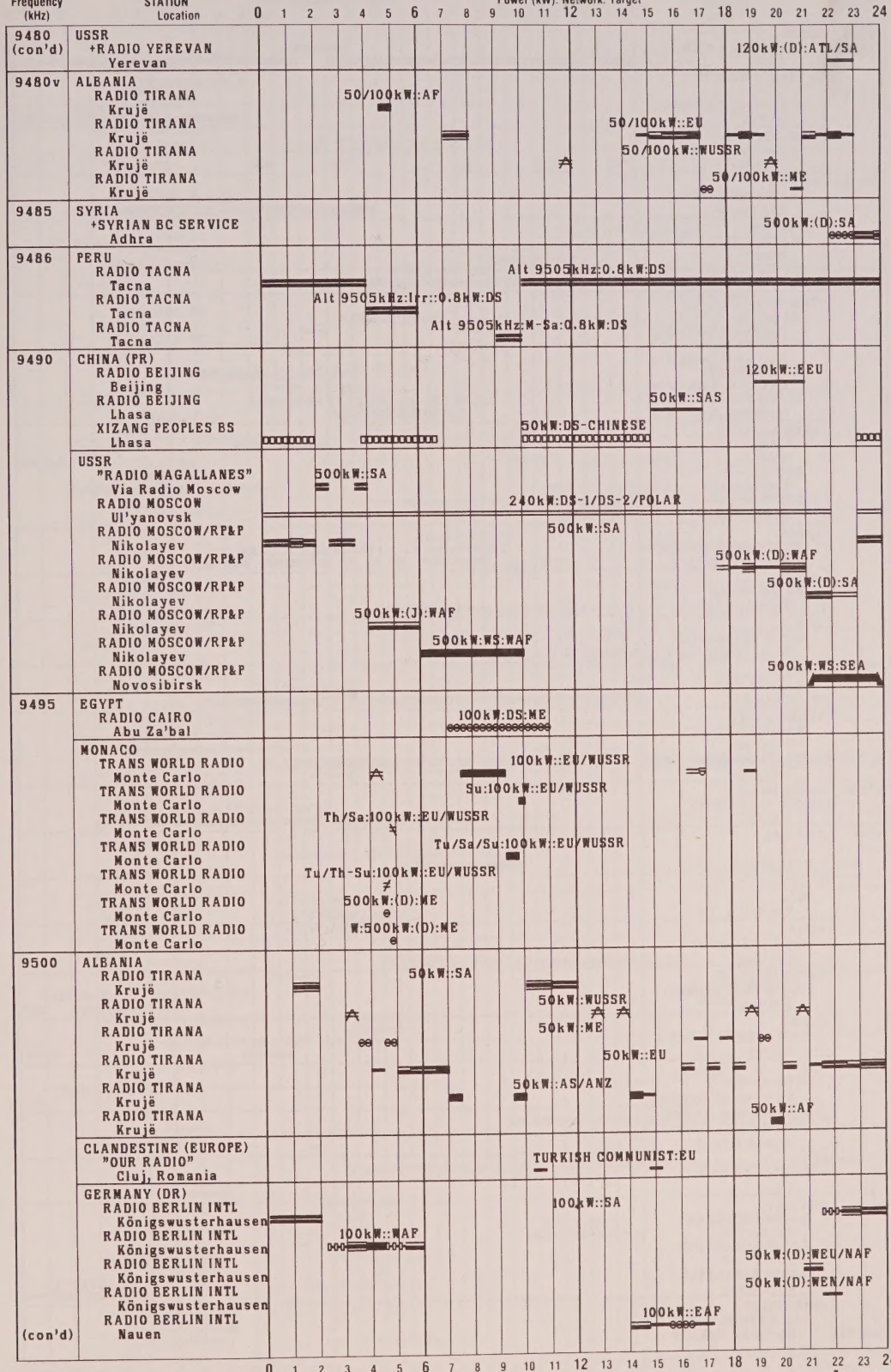

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
7700 CHINA (PR) RADIO BEIJING Kunming RADIO BEIJING Kunming
50kW::EEU/USSR
50kW:(D):EEU/USSR
7722 UNIDENTIFIED VOICE OF AMERICA
LSB:UKRAINIAN (FEEDER)(FEEDER)
7767.5 GERMANY (FR) DEUTSCHE WELLE Elmshorn
Irr::20kW:LSB:(D)(FEEDER):WEU
7770 CHINA (PR) CENTRAL PEOPLES BS Kunming CENTRAL PEOPLES BS Kunming
50kW:DS-2
Th/Sa-M:50kW:DS-2
7775 CHINA (PR) RADIO BEIJING Beijing
240kW::SEA
7800 CHINA (PR) RADIO BEIJING Kunming
50kW::EU/NAF
7820 CHINA (PR) RADIO BEIJING Beijing
120kW::EU/USSR
7850 CHINA (PR) VO THE STRAIT-PLA Fuzhou
10kW:TAIWAN-1
7917.5 GERMANY (FR) DEUTSCHE WELLE Elmshorn DEUTSCHE WELLE Elmshorn
Irr::20kW:USB:(FEEDER):WEU
Irr::20kW:LSB:(FEEDER):WEU
7925 USSR RADIO MOSCOW Moscow RADIO MOSCOW Moscow
Irr::20kW:ISL:DS-3(FEEDER)
Irr::20kW:ISU:DS-1(FEEDER)
7935 CHINA (PR) CENTRAL PEOPLES BS Beijing
15kW:DS-1
8005 USSR RADIO MOSCOW Moscow RADIO MOSCOW Moscow RADIO MOSCOW Moscow RADIO MOSCOW Moscow
Irr::20kW:ISU:DS-2(FEEDER)
Irr::20kW:ISU:DS-2 (D)(FEEDER)
Irr::20kW:ISL:DS-3(FEEDER)
Irr::20kW:ISL:DS-3 (D)(FEEDER)
8007 CHINA (PR) CENTRAL PEOPLES BS Xi'an
50kW:DS-2
8040 CHINA (PR) RADIO BEIJING Beijing RADIO BEIJING Beijing
SPR:2X4020KHZ (D)
SPR:2X4020KHZ (J)
8110 USA UNITED NATIONS R Delano UNITED NATIONS R Delano, California
Irr:Sa:50kW:LSB:(FEEDER):SEA
Irr:Sa:50kW:LSB:(FEEDER):SEA
8125 USSR RADIO MOSCOW Moscow RADIO MOSCOW Moscow
Irr::15kW:LSB:DS-1(FEEDER)
Irr::15kW:LSB:DS-1 (D)(FEEDER)
8260 CHINA (PR) RADIO BEIJING Beijing RADIO BEIJING Beijing
SPR:2X4130KHZ
SPR:2X4130KHZ (D)
CLANDESTINE (ASIA) "VO DEM KAMPUCHEA" Beijing, China(PR)
SPR:POL POT/2X4130 KHZ
8300 CHINA (PR) RADIO BEIJING RADIO BEIJING RADIO BEIJING
(D):SEA/ANZ
(J):SEA
8345 CHINA (PR) RADIO BEIJING
SEA
CLANDESTINE (ASIA) "VO DEM KAMPUCHEA" China (PR)
PRO-POL POT REBELS:SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

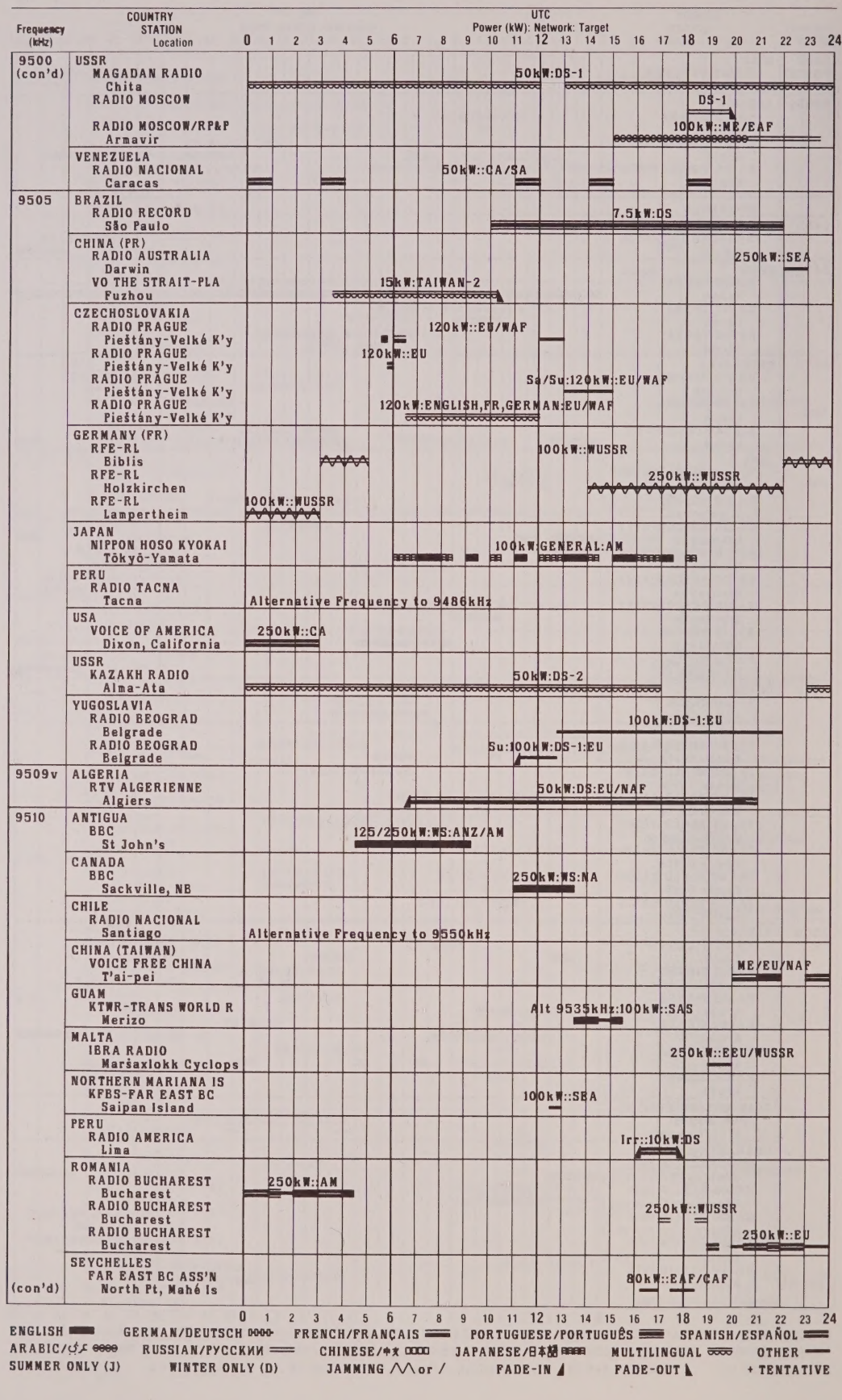

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
8425
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
RADIO BEIJING
(D)
N AMERICAN
8450
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
(D)
8490
CHINA (PR)
RADIO BEIJING
8566
CHINA (PR)
RADIO BEIJING
RADIO BEIJING
Irr:::DS-MINORITIES
DS-MINORITIES
8660
CHINA (PR)
RADIO BEIJING
8740v
CHINA (PR)
BEIHAI FISHERIES R
Beihai, Guangxi
1kW:DS-MARINERS
8910
CHINA (PR)
ZHEJIANG PBS
Hangzhou
10kW:DS-1
8925v
PERU
RADIO CONTINENTE
Juanjuí
DS
8990v
CLANDESTINE (ASIA)
"VO MALAYAN DEM'Y"
Hengyang, China
10kW:MALAY COMMUNIST PY:SEA
9009
ISRAEL
KOL ISRAEL
Tel Aviv
100kW::EEU/WUSSR
KOL ISRAEL
Tel Aviv
100kW::WEU/ENA
KOL ISRAEL
Tel Aviv
Sa:300kW::AF/SA
KOL ISRAEL
Tel Aviv
Su-F:100kW::EU/WUSSR
KOL ISRAEL
Tel Aviv
300kW:(D):ME/EAS
KOL ISRAEL
Tel Aviv
300kW:(D):EU/WUSSR
KOL ISRAEL
Tel Aviv
300kW:(D):AF/SA
KOL ISRAEL
Tel Aviv
50kW:(J):ME/EAS
KOL ISRAEL
Tel Aviv
300kW:(J):EU/WUSSR
KOL ISRAEL
Tel Aviv
50kW:(J):EU/WUSSR
KOL ISRAEL
Tel Aviv
50kW:(J):AF
9020
CHINA (PR)
CENTRAL PEOPLES BS
CENTRAL PEOPLES BS
DS-2
Th/Sa-M::DS-2
9022
IRAN
VO THE ISLAMIC REP
Tehrān
VO THE ISLAMIC REP
Tehrān
350kW::EU
350kW:DS-1:EU
9027
CLANDESTINE (M EAST)
"RADIO IRAN"
Abu Za'bal, Egypt
"VO LIB OF IRAN"
Abu Za'bal, Egypt
"VOICE OF UNITY"
Abu Za'bal, Egypt
Irr::100kW:ANTI-KHOMEYNI:ME
Irr::100kW:ANTI-KHOMEYNI:ME
Irr::100kW:ANTI-KHOMEYNI:ME
9030
CHINA (PR)
CENTRAL PEOPLES BS
DS-2
9064
CHINA (PR)
CENTRAL PEOPLES BS
Kunming
CENTRAL PEOPLES BS
Kunming
15kW:DS-1
Th-Tu:15kW:DS-1
9080
CHINA (PR)
CENTRAL PEOPLES BS
Kunming
50kW:DS-1
9090 (con'd)
GERMANY (FR)
RFE-RL
Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

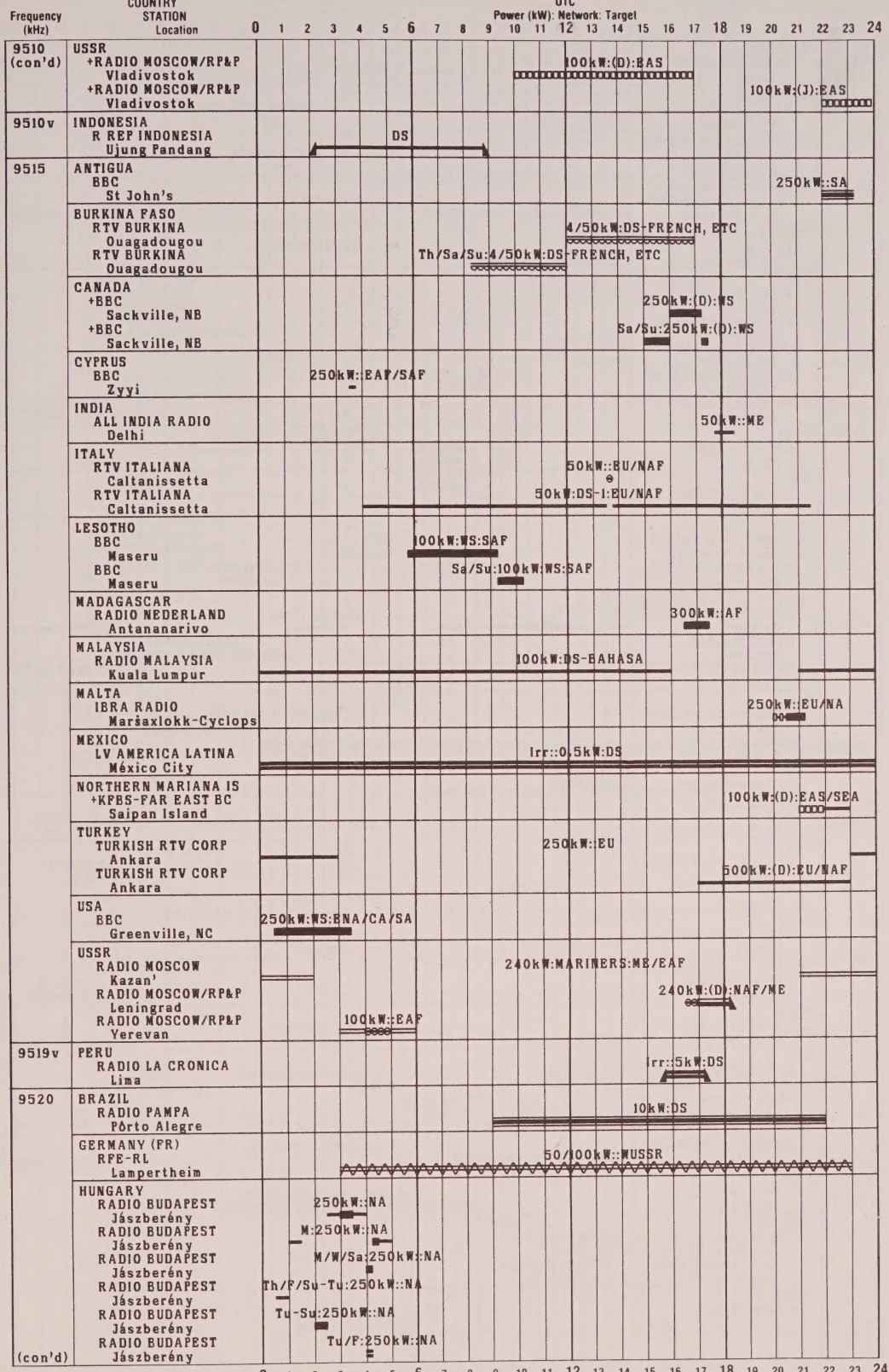

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9090 (con'd)
GERMANY (FR)
RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
Irr:M-Sa:10kW:ISU:(FEEDER):WEU
USSR
KAZAKH TELEGRAPH Alma-Ata
M/W/F:15kW:DS-NEWSCAST
9115
ARGENTINA
RADIO RIVADAVIA Buenos Aires
Irr:Su:10kW:LSB:DS(FEEDER)
9140
USSR
RADIO MOSCOW Moscow
RADIO MOSCOW Moscow
Irr::20kW:USB:DS-1(FEEDER)
Irr::20kW:USB:DS-2(FEEDER)
9170
CHINA (PR)
CENTRAL PEOPLES BS Beijing
10kW:TAIWAN-2
GERMANY (FR)
RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
Irr::10kW:ISU:(FEEDER):WEU
9200
USSR
RADIO MOSCOW Khabarovsk
RADIO MOSCOW Khabarovsk
Irr::15kW:LSB:DS-2(FEEDER)
Irr::15kW:LSB:DS-2 (D)(FEEDER)
9210
USSR
RADIO MOSCOW
Irr:::LSB:DS-1(FEEDER)
9237
GREAT BRITAIN
AFRTS-US MILITARY Barford-Banbury
Alt 9242.2kHz:Irr::4kW:LSB:DS-ABC/CBS/NBC/NPR(FEEDER):ATL
9242.2
GREAT BRITAIN
AFRTS-US MILITARY Barford-Banbury
Alternative Frequency to 9237kHz
9250
GERMANY (FR)
RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
Irr::10kW:ISU:(FEEDER):WEU
9268
CLANDESTINE (ASIA)
"RADIO SPARK", ETC Primorsk, Ussr
Alternative Frequency to 7525kHz
9290
CHINA (PR)
RADIO BEIJING Kunming
RADIO BEIJING Kunming
50kW::SEA
50kW::USSR/EU
9335
CHINA (PR)
RADIO BEIJING Kunming
RADIO BEIJING Kunming
RADIO BEIJING Kunming
Irr::120kW::SEA
120kW:TAPE REVERSED:USSR/EU
120kW:TAPE REVERSED (D):USSR/EU
9340
CHINA (PR)
RADIO BEIJING Xi'an
120kW::USSR/EU
9350
USA
VOICE OF AMERICA Delano
VOICE OF AMERICA Delano
Irr::50kW:ISU:(FEEDER):SEA
Irr::50kW:ISL:(FEEDER):SEA
9350v
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
RADIO PYONGYANG Pyŏngyang
200kW::EU
200kW::SEA
9360
SPAIN
R EXTERIOR ESPANA Noblejas
350kW::CA
USSR
RADIO MOSCOW/RP&P
Irr:::SPR:MIX ENG, SPANISH
9365v
CHINA (PR)
RADIO BEIJING Xi'an
RADIO BEIJING Xi'an
120kW::USSR/EU
120kW::EU
9375v
ALBANIA
RADIO TIRANA Krujë
15/50kW::EU
9380
CHINA (PR)
CENTRAL PEOPLES BS Beijing
15kW:TAIWAN-1
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

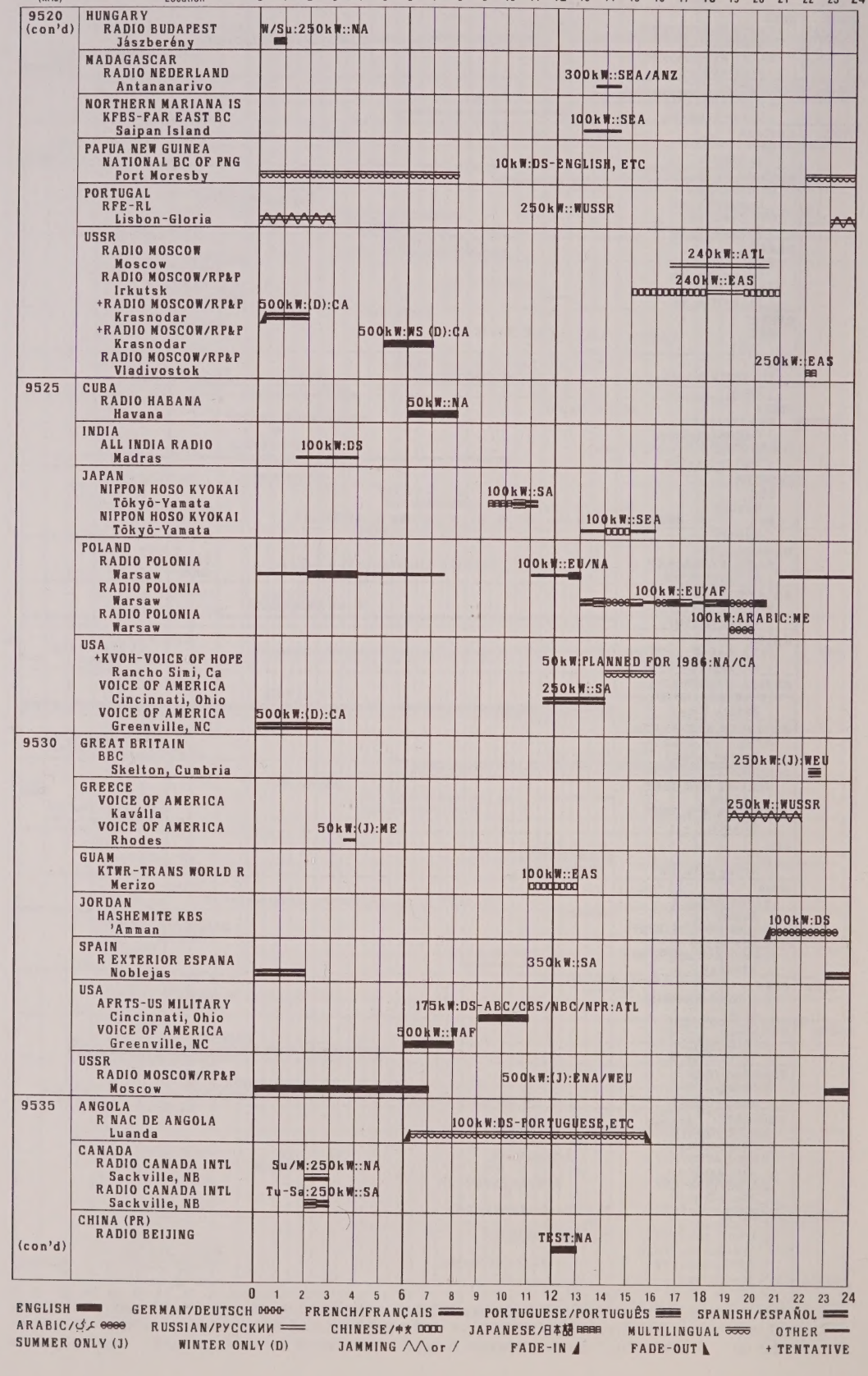

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9385
ISRAEL
KOL ISRAEL
Tel Aviv
Alternative Frequency to 9390kHz
9390
ISRAEL
KOL ISRAEL
Tel Aviv
Alt 9385kHz:50kW::WEU
KOL ISRAEL
Tel Aviv
Alt 9385kHz:50kW:(D):EU
RASHUTH HASHIDUR
Tel Aviv
Alt 9385kHz:50kW:DS-E:WEU/ENA
RASHUTH HASHIDUR
Tel Aviv
Alt 9385kHz:Su-F:50kW:DS-E:WEU/ENA
TURKEY
TURKISH RTV CORP
Ankara
Irr:::SPR:2X9560-9730KHZ
9395
USSR
RADIO MOSCOW/RP&P
Irr:::SPR:MIX ENG, SPANISH
9410
GREAT BRITAIN
BBC
Multiple Locations
WS:NAF/WAF
BBC
Multiple Locations
WS:EU
BBC
Multiple Locations
WS:EU/AF/ME
BBC
Multiple Locations
WS:EU/ME
BBC
Multiple Locations
WS:EU/AF
9420
GREECE
FONI TIS HELLADAS
Athens
100kW::NA
FONI TIS HELLADAS
Athens
100kW::ATL/CA
FONI TIS HELLADAS
Athens
100kW::NAF/ME
FONI TIS HELLADAS
Athens
100kW::EU
FONI TIS HELLADAS
Athens
100kW::PAC
FONI TIS HELLADAS
Kaválla
250kW::NAF/ME
FONI TIS HELLADAS
Kaválla
250kW::EU
FONI TIS HELLADAS
Kaválla
250kW::ME/SAS/PAC
9425
ISRAEL
KOL ISRAEL
Tel Aviv
Alternative Frequency to 9435kHz
9425v
ITALY
RADIO EUROPA INTL
Verona-Cerna
Irr::0.2kW:DS
9430
ALBANIA
RADIO TIRANA
Krujë
50kW::EU
9435
ISRAEL
KOL ISRAEL
Tel Aviv
Alt 9425kHz:300kW::ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 9425kHz:300kW::WUSSR
KOL ISRAEL
Tel Aviv
Alt 9425kHz:300kW::WEU/ENA
KOL ISRAEL
Tel Aviv
Alt 9425kHz:Sa:300kW::ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 9425kHz:Su-F:300kW::ENA/CA/WEU
KOL ISRAEL
Tel Aviv
Alt 9425kHz:300kW:(D):WUSSR
KOL ISRAEL
Tel Aviv
Alt 9425kHz:Su-F:300kW:(D):WUSSR
9440
CHINA (PR)
"VO DEM KAMPUCHEA"
Xi'an, China (PR)
120kW:PRD-POL POT REBELS:SEA
RADIO BEIJING
Kunming
50kW::ME/NAF
RADIO BEIJING
Kunming
500kW::ME/NAF
RADIO BEIJING
Xi'an
120kW::SEA
9450
CHINA (PR)
+RADIO BEIJING
(D)
USSR
+"RADIO MAGALLANES"
Via Radio Moscow
240kW:(D):SA
RADIO MOSCOW
Moscow
240kW:MARINERS (J):ATL
RADIO MOSCOW
Novosibirsk
50kW:DS-1 (J)
+RADIO MOSCOW/RP&P
Moscow
240kW:(D):SA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/ or /
FADE-IN
FADE-OUT
+ TENTATIVE

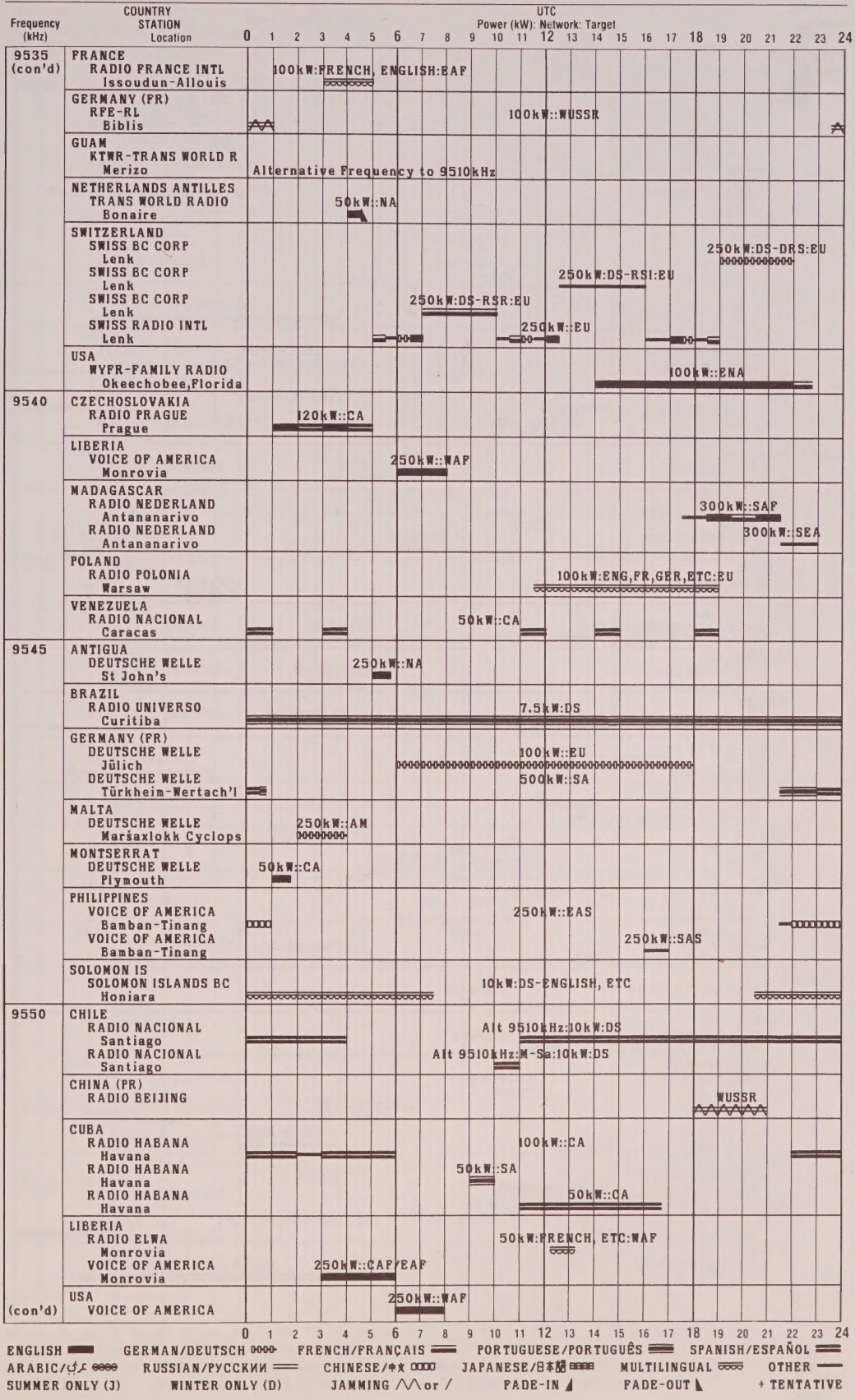

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9450 (con'd)
USSR
+RADIO MOSCOW/RP&P Moscow
240kW:(D):EU
+RADIO MOSCOW/RP&P Moscow
Th-M:240kW:(D):SA
+RADIO MOSCOW/RP&P Moscow
Tu/W:240kW:(D):SA
+RADIO MOSCOW/RP&P Moscow
240kW:WS (D):EU
+RADIO MOSCOW/RP&P Novosibirsk
250kW:(D):EAS
RADIO MOSCOW/RP&P Yerevan
120kW::WAF
RADIO MOSCOW/RP&P Yerevan
120kW:AFRICAN:WAF
RADIO MOSCOW/RP&P Yerevan
120kW:WS:WAF
9455
EGYPT
RADIO CAIRO Kafr Sillm-Abis
250kW:DS
RADIO CAIRO Kafr Sillm-Abis
Irr::250kW:DS-RAMADAN
USA
VOICE OF AMERICA Greenville
250kW::CA/SA
VOICE OF AMERICA Greenville
250kW:(D):CA/SA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::EU
9457v
CHINA (PR)
CENTRAL PEOPLES BS Kunming
50kW:TAIWAN-1
RADIO BEIJING Kunming
50kW::SAS/SAF
9460
GREECE
RS MAKEDONIAS Thessaloniki
35kW:DS:EU
RS MAKEDONIAS Thessaloniki
Su:35kW:DS:EU
9460v
PAKISTAN
+RADIO PAKISTAN Islamabad
100kW:(D):ME/SAS
9465v
PAKISTAN
RADIO PAKISTAN Islamabad
250kW::WEU/NAF
RADIO PAKISTAN Islamabad
Irr::250kW:RAMADAN:WEU/NAF
9470
USSR
RADIO MOSCOW
DS-2
RADIO MOSCOW Ul'yanovsk
100kW:MARINERS (J):EU/WAF/ATL
RADIO MOSCOW/RP&P Moscow
240kW::WAF
RADIO MOSCOW/RP&P Moghilev
100kW:DS-2
+RADIO MOSCOW/RP&P Ul'yanovsk
100kW:(D):WAF
9475
EGYPT
RADIO CAIRO Kafr Sillm-Abis
250kW::NA/CA
RADIO CAIRO Kafr Sillm-Abis
250kW:DS:EU
MONACO
TRANS WORLD RADIO Monte Carlo
100kW::EEU
TRANS WORLD RADIO Monte Carlo
M-F:100kW::EEU
9480
CHINA (PR)
RADIO BEIJING Beijing
120kW::SEA/EAS
RADIO BEIJING Beijing
120kW:(D):USSR
RADIO BEIJING Beijing
120kW:(J):SEA/EAS
RADIO BEIJING Xi'an
120kW::ME
USSR
+RADIO MOSCOW
(D)
RADIO MOSCOW/RP&P Novosibirsk
250kW::EAS
RADIO MOSCOW/RP&P Novosibirsk
250kW:(D):EAS
RADIO MOSCOW/RP&P Novosibirsk
250kW:DS-2:EAS
RADIO MOSCOW/RP&P Novosibirsk
250kW:DS-5:EAS
RADIO MOSCOW/RP&P Yerevan
120kW::ME/EAF
RADIO MOSCOW/RP&P Yerevan
120kW:(D):NAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

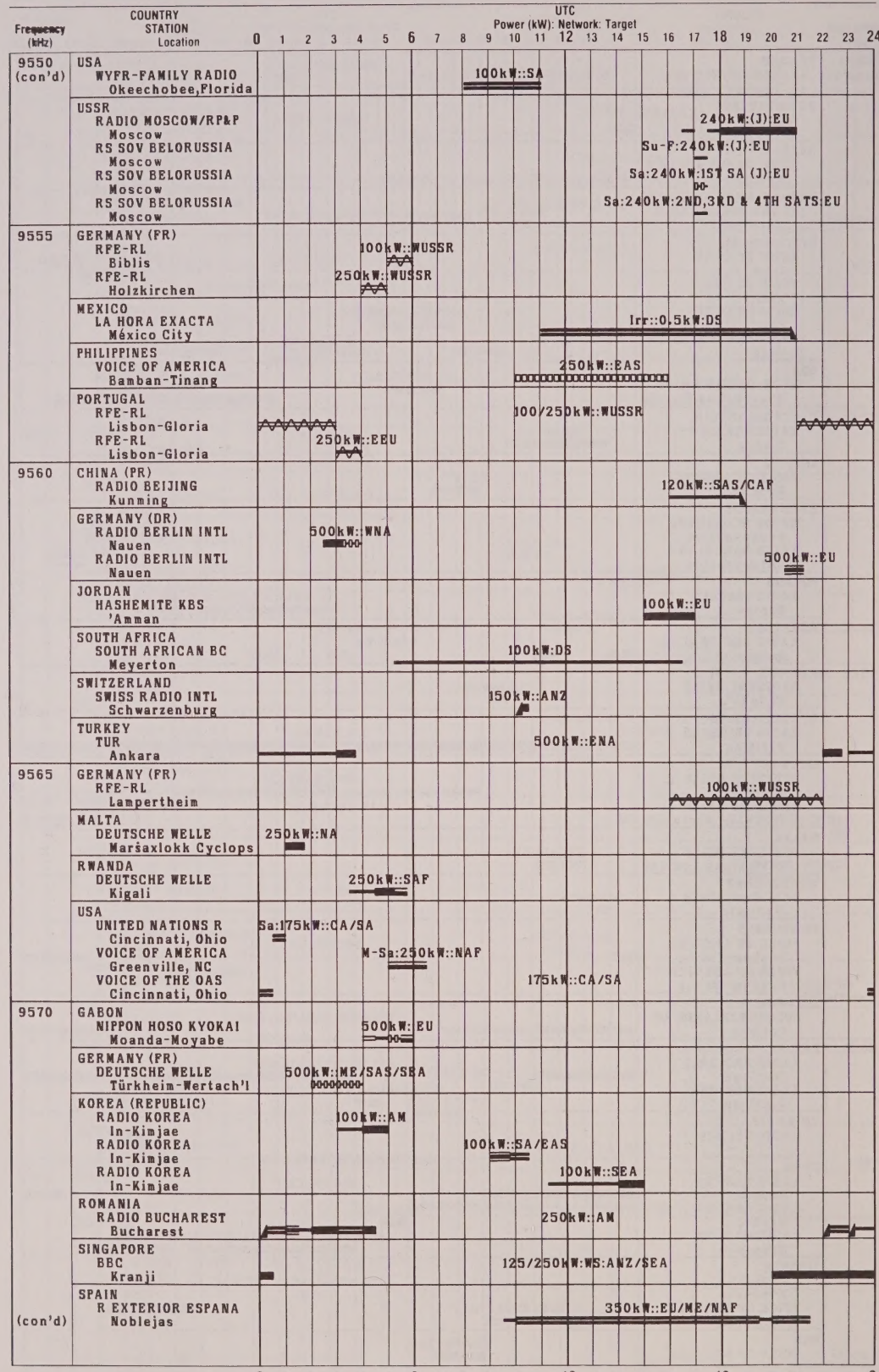

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9480 (con'd)
USSR
+RADIO YEREVAN
Yerevan
120kW:(D):ATL/SA
9480v
ALBANIA
RADIO TIRANA
Krujë
50/100kW::AF
RADIO TIRANA
Krujë
50/100kW::EU
RADIO TIRANA
Krujë
50/100kW::WUSSR
RADIO TIRANA
Krujë
50/100kW::ME
9485
SYRIA
+SYRIAN BC SERVICE
Adhra
500kW:(D):SA
9486
PERU
RADIO TACNA
Tacna
Alt 9505kHz:0.8kW:DS
RADIO TACNA
Tacna
Alt 9505kHz:Irr::0.8kW:DS
RADIO TACNA
Tacna
Alt 9505kHz:M-Sa:0.8kW:DS
9490
CHINA (PR)
RADIO BEIJING
Beijing
120kW::EEU
RADIO BEIJING
Lhasa
50kW::SAS
XIZANG PEOPLES BS
Lhasa
50kW:DS-CHINESE
USSR
"RADIO MAGALLANES"
Via Radio Moscow
500kW::SA
RADIO MOSCOW
Ul'yanovsk
240kW:DS-1/DS-2/POLAR
RADIO MOSCOW/RP&P
Nikolayev
500kW::SA
RADIO MOSCOW/RP&P
Nikolayev
500kW:(D):WAF
RADIO MOSCOW/RP&P
Nikolayev
500kW:(D):SA
RADIO MOSCOW/RP&P
Nikolayev
500kW:(J):WAF
RADIO MOSCOW/RP&P
Nikolayev
500kW:WS:WAF
RADIO MOSCOW/RP&P
Novosibirsk
500kW:WS:SEA
9495
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS:ME
MONACO
TRANS WORLD RADIO
Monte Carlo
100kW::EU/WUSSR
TRANS WORLD RADIO
Monte Carlo
Su:100kW::EU/WUSSR
TRANS WORLD RADIO
Monte Carlo
Th/Sa:100kW::EU/WUSSR
TRANS WORLD RADIO
Monte Carlo
Tu/Sa/Su:100kW::EU/WUSSR
TRANS WORLD RADIO
Monte Carlo
Tu/Th-Su:100kW::EU/WUSSR
TRANS WORLD RADIO
Monte Carlo
500kW:(D):ME
TRANS WORLD RADIO
Monte Carlo
W:500kW:(D):ME
9500
ALBANIA
RADIO TIRANA
Krujë
50kW::SA
RADIO TIRANA
Krujë
50kW::WUSSR
RADIO TIRANA
Krujë
50kW::ME
RADIO TIRANA
Krujë
50kW::EU
RADIO TIRANA
Krujë
50kW::AS/ANZ
RADIO TIRANA
Krujë
50kW::AF
CLANDESTINE (EUROPE)
"OUR RADIO"
Cluj, Romania
TURKISH COMMUNIST:EU
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::SA
RADIO BERLIN INTL
Königswusterhausen
100kW::WAF
RADIO BERLIN INTL
Königswusterhausen
50kW:(D):WEU/NAF
RADIO BERLIN INTL
Königswusterhausen
50kW:(D):WEN/NAF
RADIO BERLIN INTL
Königswusterhausen
100kW::EAF
(con'd)
Nauen
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

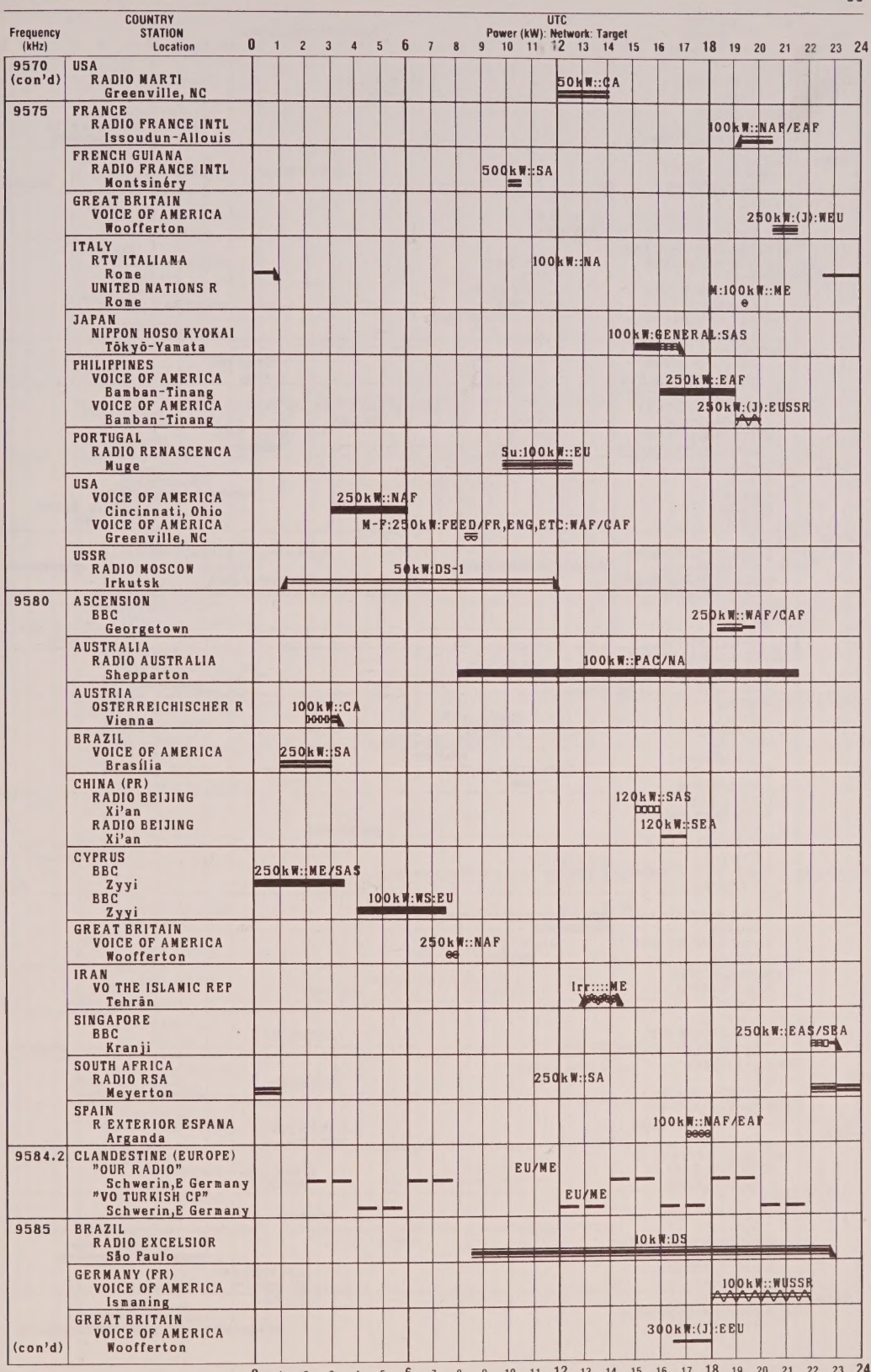

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9500 (con'd)
USSR
MAGADAN RADIO
Chita
50kW:DS-1
RADIO MOSCOW
DS-1
RADIO MOSCOW/RP&P
Armavir
100kW::ME/EAF
VENEZUELA
RADIO NACIONAL
Caracas
50kW::CA/SA
9505
BRAZIL
RADIO RECORD
São Paulo
7.5kW:DS
CHINA (PR)
RADIO AUSTRALIA
Darwin
250kW::SEA
VO THE STRAIT-PLA
Fuzhou
15kW:TAIWAN-2
CZECHOSLOVAKIA
RADIO PRAGUE
Pieštány-Velké K'y
120kW::EU/WAF
RADIO PRAGUE
Pieštány-Velké K'y
120kW::EU
RADIO PRAGUE
Pieštány-Velké K'y
Sa/Su:120kW::EU/WAF
RADIO PRAGUE
Pieštány-Velké K'y
120kW:ENGLISH,FR,GERMAN:EU/WAF
GERMANY (FR)
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Holzkirchen
250kW::WUSSR
RFE-RL
Lampertheim
100kW::WUSSR
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW:GENERAL:AM
PERU
RADIO TACNA
Tacna
Alternative Frequency to 9486kHz
USA
VOICE OF AMERICA
Dixon, California
250kW::CA
USSR
KAZAKH RADIO
Alma-Ata
50kW:DS-2
YUGOSLAVIA
RADIO BEOGRAD
Belgrade
100kW:DS-1:EU
RADIO BEOGRAD
Belgrade
Su:100kW:DS-1:EU
9509v
ALGERIA
RTV ALGERIENNE
Algiers
50kW:DS:EU/NAF
9510
ANTIGUA
BBC
St John's
125/250kW:WS:ANZ/AM
CANADA
BBC
Sackville, NB
250kW:WS:NA
CHILE
RADIO NACIONAL
Santiago
Alternative Frequency to 9550kHz
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
ME/EU/NAF
GUAM
KTWR-TRANS WORLD R
Merizo
Alt 9535kHz:100kW::SAS
MALTA
IBRA RADIO
Marsaxlokk Cyclops
250kW::EEU/WUSSR
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::SEA
PERU
RADIO AMERICA
Lima
Irr::10kW:DS
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AM
RADIO BUCHAREST
Bucharest
250kW::WUSSR
RADIO BUCHAREST
Bucharest
250kW::EU
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
(con'd)
80kW::EAF/CAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

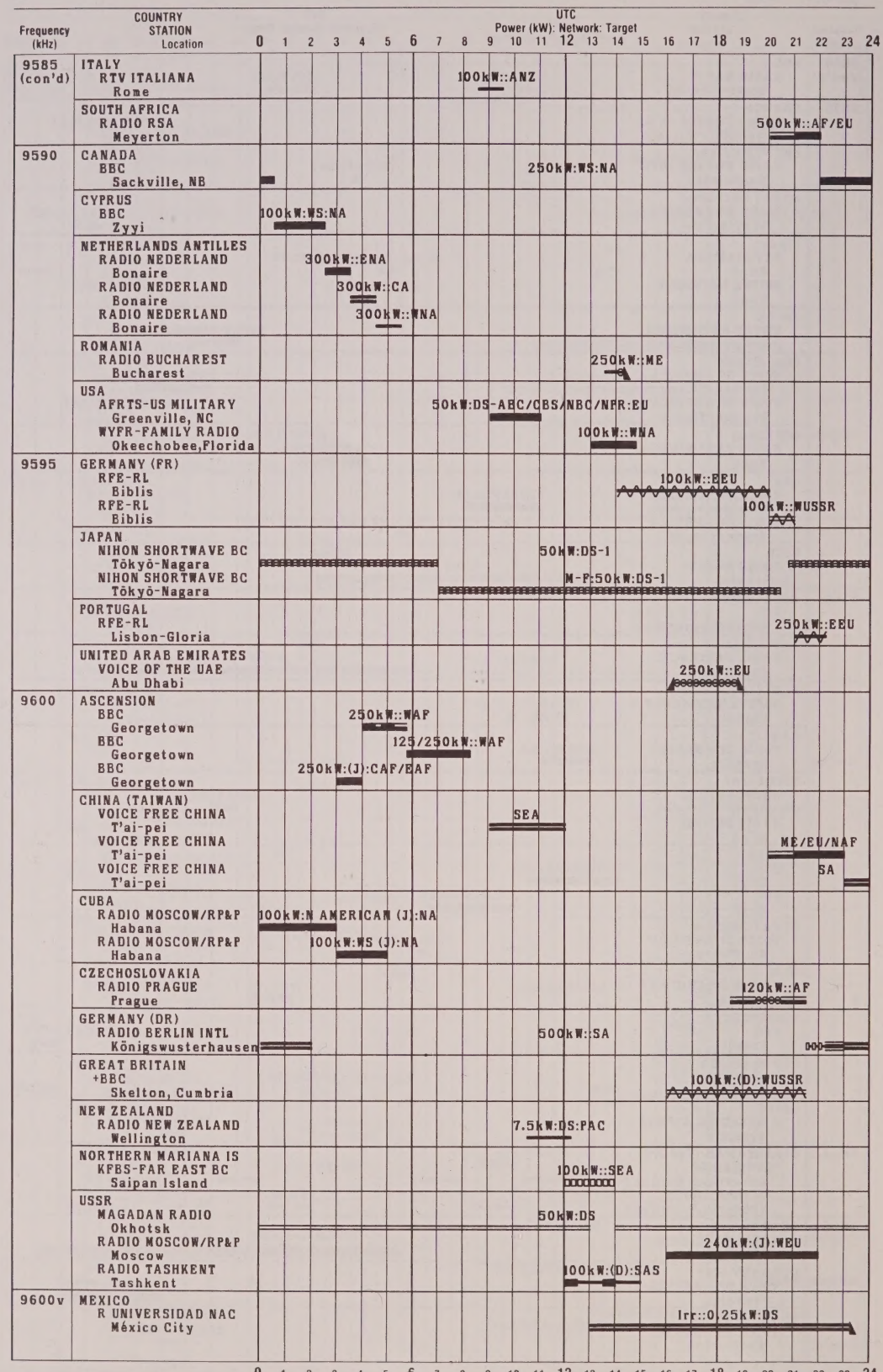

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9510 (con'd)
USSR
+RADIO MOSCOW/RP&P Vladivostok
100kW:(D):EAS
+RADIO MOSCOW/RP&P Vladivostok
100kW:(J):EAS
9510v
INDONESIA
R REP INDONESIA Ujung Pandang
DS
9515
ANTIGUA
BBC St John's
250kW::SA
BURKINA PASO
RTV BURKINA Ouagadougou
4/50kW:DS-FRENCH, ETC
RTV BURKINA Ouagadougou
Th/Sa/Su:4/50kW:DS-FRENCH, ETC
CANADA
+BBC Sackville, NB
250kW:(D):WS
+BBC Sackville, NB
Sa/Su:250kW:(D):WS
CYPRUS
BBC Zyyi
250kW::EAF/SAF
INDIA
ALL INDIA RADIO Delhi
50kW::ME
ITALY
RTV ITALIANA Caltanissetta
50kW::EU/NAF
RTV ITALIANA Caltanissetta
50kW:DS-1:EU/NAF
LESOTHO
BBC Maseru
100kW:WS:SAF
BBC Maseru
Sa/Su:100kW:WS:SAF
MADAGASCAR
RADIO NEDERLAND Antananarivo
300kW::AF
MALAYSIA
RADIO MALAYSIA Kuala Lumpur
100kW:DS-BAHASA
MALTA
IBRA RADIO Marsaxlokk-Cyclops
250kW::EU/NA
MEXICO
LV AMERICA LATINA México City
Irr::0.5kW:DS
NORTHERN MARIANA IS
+KPBS-FAR EAST BC Saipan Island
100kW:(D):EAS/SEA
TURKEY
TURKISH RTV CORP Ankara
250kW::EU
TURKISH RTV CORP Ankara
500kW:(D):EU/NAF
USA
BBC Greenville, NC
250kW:WS:ENA/CA/SA
USSR
RADIO MOSCOW Kazan'
240kW:MARINERS:ME/EAF
RADIO MOSCOW/RP&P Leningrad
240kW:(D):NAF/ME
RADIO MOSCOW/RP&P Yerevan
100kW::EAF
9519v
PERU
RADIO LA CRONICA Lima
Irr::5kW:DS
9520
BRAZIL
RADIO PAMPA Pôrto Alegre
10kW:DS
GERMANY (FR)
RFE-RL Lampertheim
50/100kW::WUSSR
HUNGARY
RADIO BUDAPEST Jászberény
250kW::NA
RADIO BUDAPEST Jászberény
M:250kW::NA
RADIO BUDAPEST Jászberény
M/W/Sa:250kW::NA
RADIO BUDAPEST Jászberény
Th/F/Su-Tu:250kW::NA
RADIO BUDAPEST Jászberény
Tu-Su:250kW::NA
RADIO BUDAPEST Jászberény
Tu/F:250kW::NA
(con'd)
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

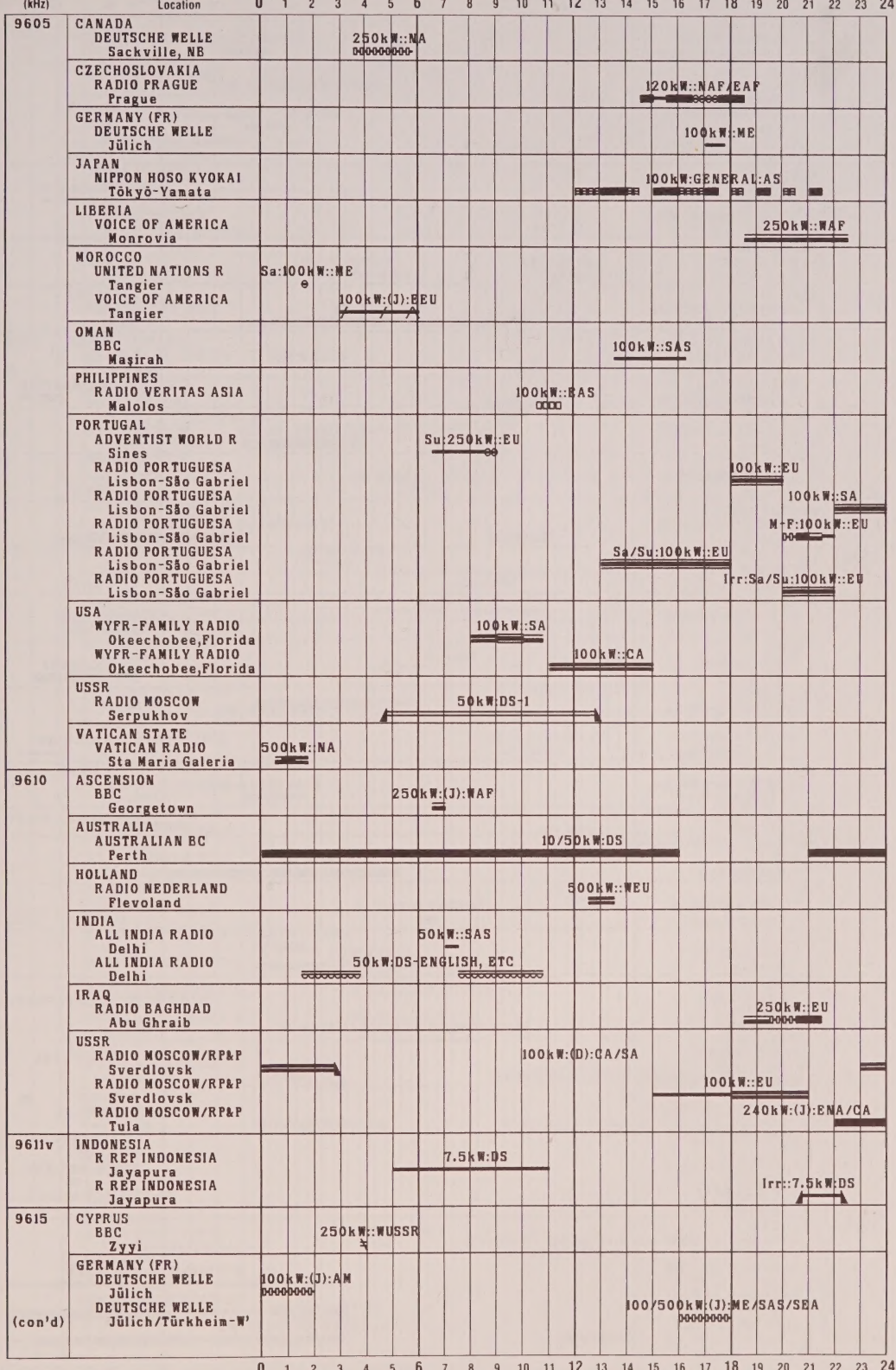

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9520 (con'd)
HUNGARY
RADIO BUDAPEST
Jászberény
W/Su:250kW::NA
MADAGASCAR
RADIO NEDERLAND
Antananarivo
300kW::SEA/ANZ
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::SEA
PAPUA NEW GUINEA
NATIONAL BC OF PNG
Port Moresby
10kW:DS-ENGLISH, ETC
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
USSR
RADIO MOSCOW
Moscow
RADIO MOSCOW/RP&P
Irkutsk
+RADIO MOSCOW/RP&P
Krasnodar
+RADIO MOSCOW/RP&P
Krasnodar
RADIO MOSCOW/RP&P
Vladivostok
240kW::ATL
240kW::EAS
500kW:(D):CA
500kW:WS (D):CA
250kW::EAS
9525
CUBA
RADIO HABANA
Havana
50kW::NA
INDIA
ALL INDIA RADIO
Madras
100kW:DS
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW::SA
100kW::SEA
POLAND
RADIO POLONIA
Warsaw
RADIO POLONIA
Warsaw
RADIO POLONIA
Warsaw
100kW::EU/NA
100kW::EU/AF
100kW:ARABIC:ME
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
VOICE OF AMERICA
Cincinnati, Ohio
VOICE OF AMERICA
Greenville, NC
50kW:PLANNED FOR 1986:NA/CA
250kW::SA
500kW:(D):CA
9530
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW:(J):WEU
GREECE
VOICE OF AMERICA
Kaválla
VOICE OF AMERICA
Rhodes
250kW::WUSSR
50kW:(J):ME
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::EAS
JORDAN
HASHEMITE KBS
'Amman
100kW:DS
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::SA
USA
AFRTS-US MILITARY
Cincinnati, Ohio
VOICE OF AMERICA
Greenville, NC
175kW:DS-ABC/CBS/NBC/NPR:ATL
500kW::WAF
USSR
RADIO MOSCOW/RP&P
Moscow
500kW:(J):ENA/WEU
9535
ANGOLA
R NAC DE ANGOLA
Luanda
100kW:DS-PORTUGUESE,ETC
CANADA
RADIO CANADA INTL
Sackville, NB
RADIO CANADA INTL
Sackville, NB
Su/M:250kW::NA
Tu-Sa:250kW::SA
CHINA (PR)
RADIO BEIJING
(con'd)
TEST:NA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

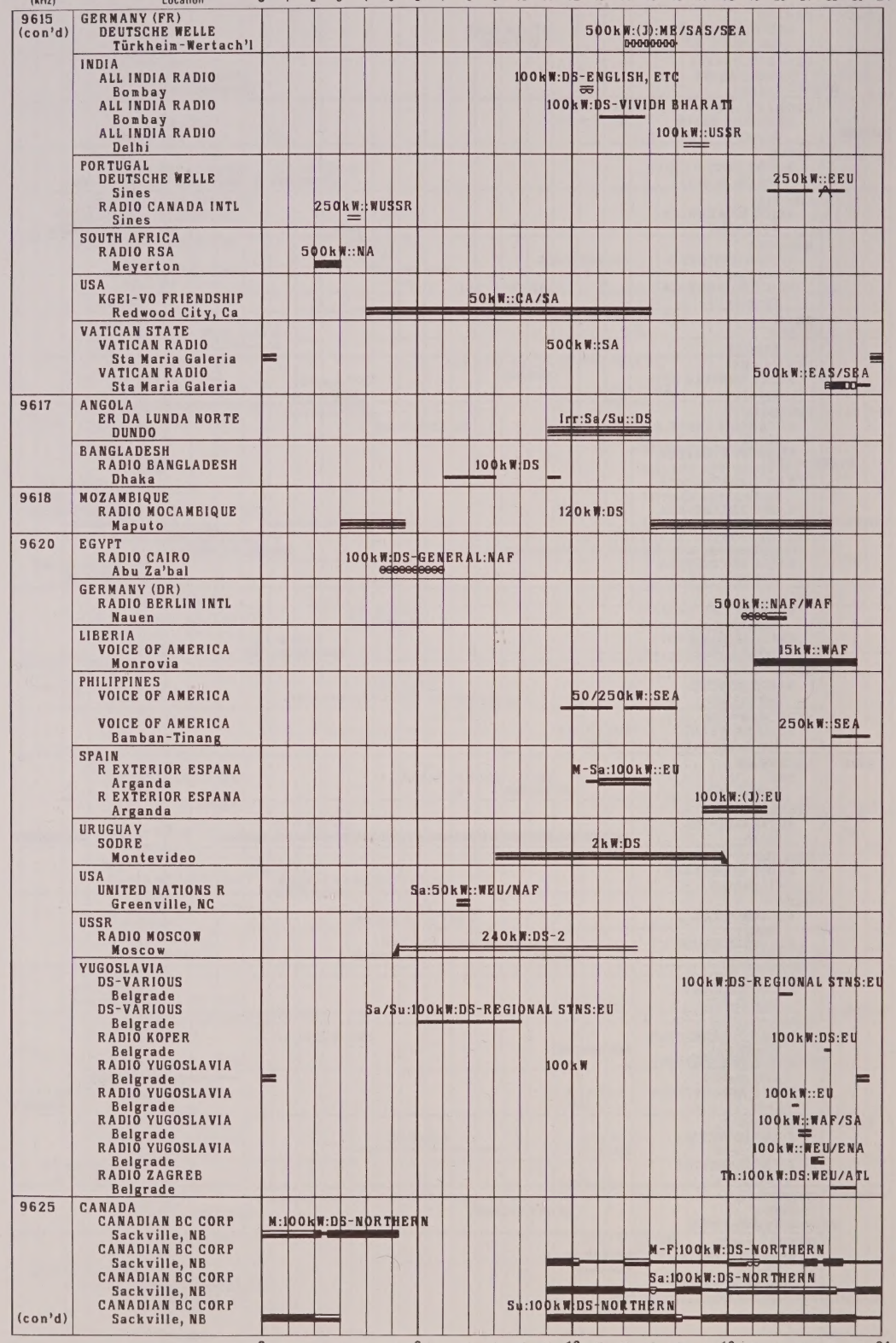

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9535 (con'd)
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW:FRENCH, ENGLISH:EAF
GERMANY (PR)
RFE-RL
Biblis
100kW::WUSSR
GUAM
KTWR-TRANS WORLD R
Merizo
Alternative Frequency to 9510kHz
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
50kW::NA
SWITZERLAND
SWISS BC CORP
Lenk
SWISS BC CORP
Lenk
SWISS BC CORP
Lenk
SWISS RADIO INTL
Lenk
250kW:DS-DRS:EU
250kW:DS-RSI:EU
250kW:DS-RSR:EU
250kW::EU
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::ENA
9540
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::CA
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF
MADAGASCAR
RADIO NEDERLAND
Antananarivo
RADIO NEDERLAND
Antananarivo
300kW::SAF
300kW::SEA
POLAND
RADIO POLONIA
Warsaw
100kW:ENG,FR,GER,ETC:EU
VENEZUELA
RADIO NACIONAL
Caracas
50kW::CA
9545
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::NA
BRAZIL
RADIO UNIVERSO
Curitiba
7.5kW:DS
GERMANY (PR)
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Türkheim-Wertach'l
100kW::EU
500kW::SA
MALTA
DEUTSCHE WELLE
Maršaxlokk Cyclops
250kW::AM
MONTSERRAT
DEUTSCHE WELLE
Plymouth
50kW::CA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
250kW::SAS
SOLOMON IS
SOLOMON ISLANDS BC
Honiara
10kW:DS-ENGLISH, ETC
9550
CHILE
RADIO NACIONAL
Santiago
RADIO NACIONAL
Santiago
Alt 9510kHz:10kW:DS
Alt 9510kHz:M-Sa:10kW:DS
CHINA (PR)
RADIO BEIJING
WUSSR
CUBA
RADIO HABANA
Havana
RADIO HABANA
Havana
RADIO HABANA
Havana
100kW::CA
50kW::SA
50kW::CA
LIBERIA
RADIO ELWA
Monrovia
VOICE OF AMERICA
Monrovia
50kW:FRENCH, ETC:WAF
250kW::CAF/EAF
USA
(con'd)
VOICE OF AMERICA
250kW::WAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

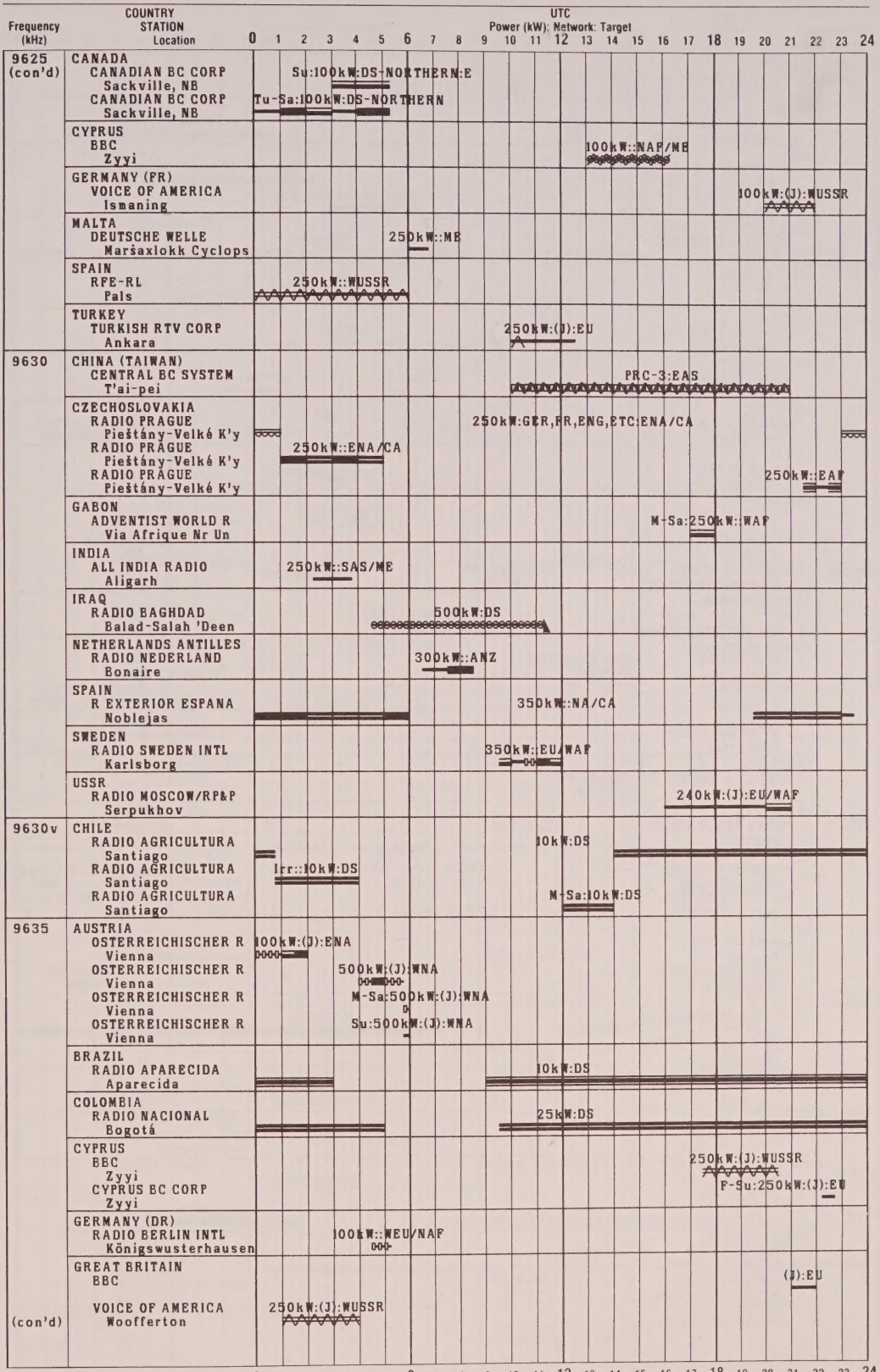

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9550 (con'd)
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
USSR
RADIO MOSCOW/RP&P
Moscow
240kW:(J):EU
RS SOV BELORUSSIA
Moscow
Su-F:240kW:(J):EU
RS SOV BELORUSSIA
Moscow
Sa:240kW:1ST SA (J):EU
RS SOV BELORUSSIA
Moscow
Sa:240kW:2ND,3RD & 4TH SATS EU
9555
GERMANY (FR)
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Holzkirchen
250kW::WUSSR
MEXICO
LA HORA EXACTA
México City
Irr::0,5kW:DS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
PORTUGAL
RFE-RL
Lisbon-Gloria
100/250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::EEU
9560
CHINA (PR)
RADIO BEIJING
Kunming
120kW::SAS/CAF
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::WNA
RADIO BERLIN INTL
Nauen
500kW::EU
JORDAN
HASHEMITE KBS
'Amman
100kW::EU
SOUTH AFRICA
SOUTH AFRICAN BC
Meyerton
100kW:DS
SWITZERLAND
SWISS RADIO INTL
Schwarzenburg
150kW::ANZ
TURKEY
TUR
Ankara
500kW::ENA
9565
GERMANY (FR)
RFE-RL
Lampertheim
100kW::WUSSR
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::NA
RWANDA
DEUTSCHE WELLE
Kigali
250kW::SAF
USA
UNITED NATIONS R
Cincinnati, Ohio
Sa:175kW::CA/SA
VOICE OF AMERICA
Greenville, NC
M-Sa:250kW::NAF
VOICE OF THE OAS
Cincinnati, Ohio
175kW::CA/SA
9570
GABON
NIPPON HOSO KYOKAI
Moanda-Moyabe
500kW::EU
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS/SEA
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
100kW::AM
RADIO KOREA
In-Kimjae
100kW::SA/EAS
RADIO KOREA
In-Kimjae
100kW::SEA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AM
SINGAPORE
BBC
Kranji
125/250kW:WS:ANZ/SEA
SPAIN
R EXTERIOR ESPANA
(con'd)
Noblejas
350kW::EU/ME/NAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

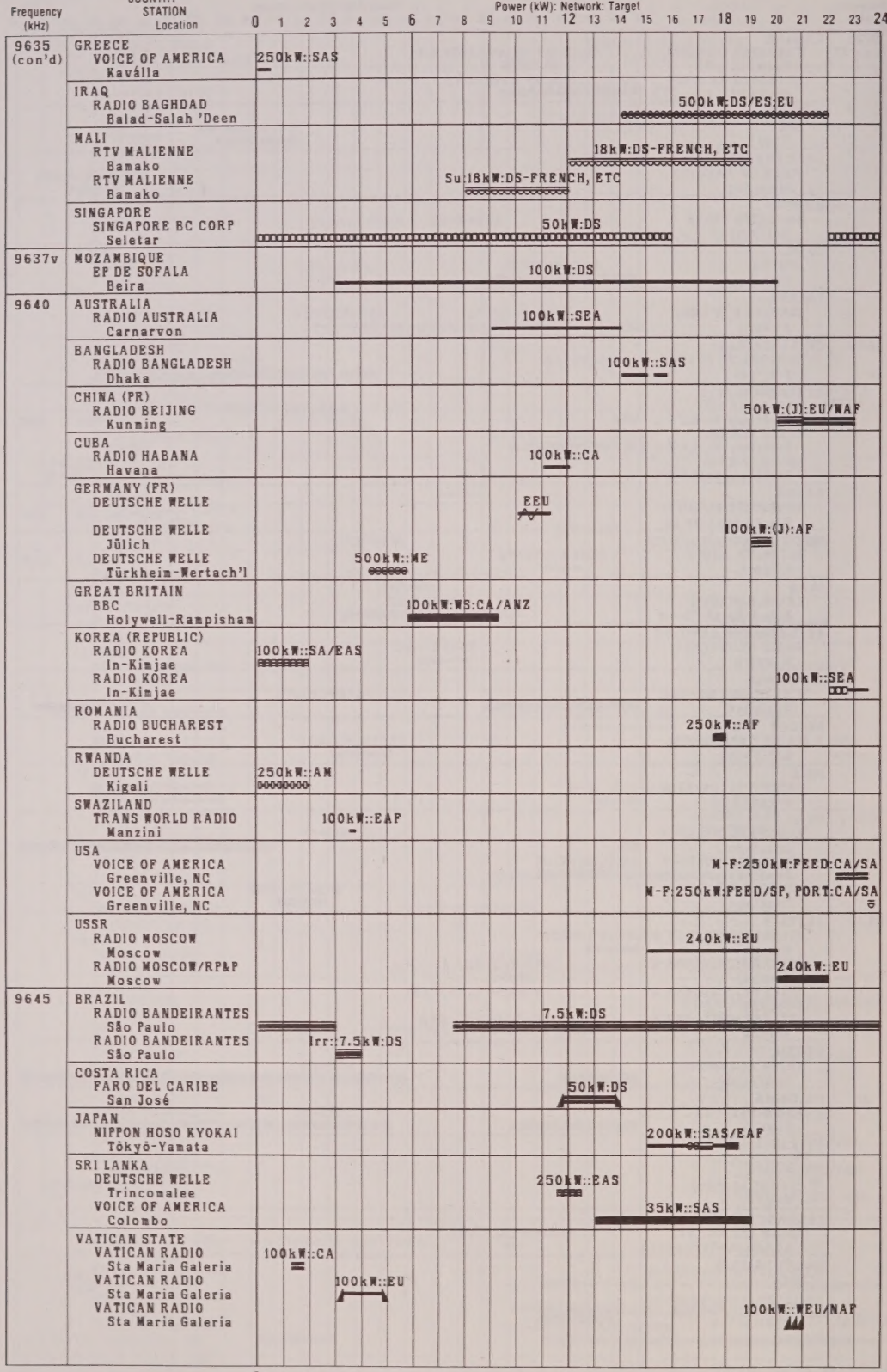

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9570 (con'd)
USA
RADIO MARTI
Greenville, NC
50kW::CA
9575
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NAF/EAF
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::SA
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW:(J):WEU
ITALY
RTV ITALIANA
Rome
UNITED NATIONS R
Rome
100kW::NA
M:100kW::ME
e
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW:GENERAL:SAS
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
VOICE OF AMERICA
Bamban-Tinang
250kW::EAF
250kW:(J):EUSSR
PORTUGAL
RADIO RENASCENCA
Muge
Su:100kW::EU
USA
VOICE OF AMERICA
Cincinnati, Ohio
VOICE OF AMERICA
Greenville, NC
250kW::NAF
M-F:250kW:FEED/FR,ENG,ETC:WAF/CAF
USSR
RADIO MOSCOW
Irkutsk
50kW:DS-1
9580
ASCENSION
BBC
Georgetown
250kW::WAF/CAF
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::PAC/NA
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::CA
BRAZIL
VOICE OF AMERICA
Brasília
250kW::SA
CHINA (PR)
RADIO BEIJING
Xi'an
RADIO BEIJING
Xi'an
120kW::SAS
120kW::SEA
CYPRUS
BBC
Zyyi
BBC
Zyyi
250kW::ME/SAS
100kW:WS:EU
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW::NAF
IRAN
VO THE ISLAMIC REP
Tehrān
Irr:::::ME
SINGAPORE
BBC
Kranji
250kW::EAS/SEA
SOUTH AFRICA
RADIO RSA
Meyerton
250kW::SA
SPAIN
R EXTERIOR ESPANA
Arganda
100kW::NAF/EAF
9584.2
CLANDESTINE (EUROPE)
"OUR RADIO"
Schwerin,E Germany
"VO TURKISH CP"
Schwerin,E Germany
EU/ME
EU/ME
9585
BRAZIL
RADIO EXCELSIOR
São Paulo
10kW:DS
GERMANY (FR)
VOICE OF AMERICA
Ismaning
100kW::WUSSR
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
(con'd)
300kW:(J):EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

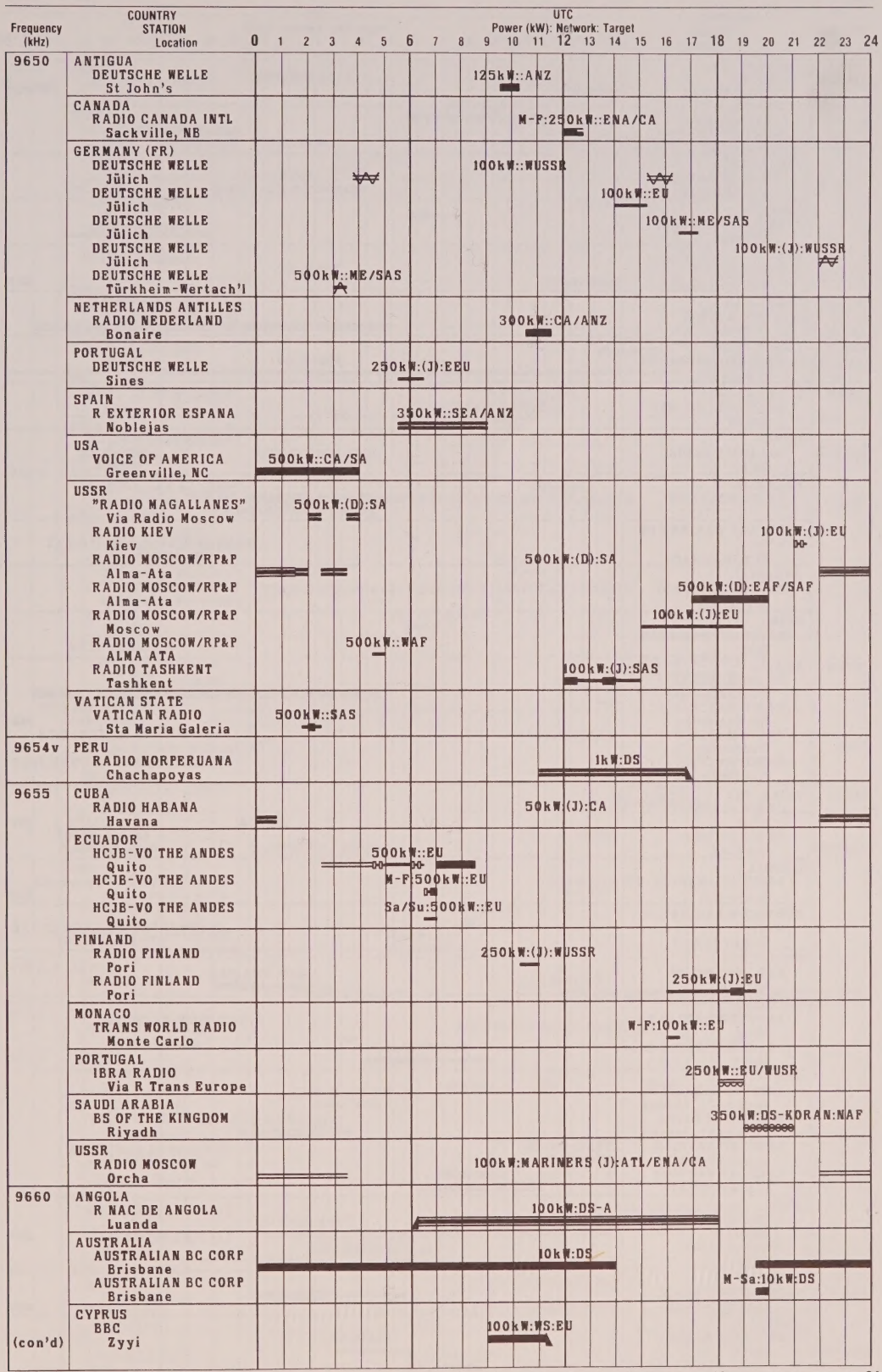

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9585 (con'd)
ITALY
RTV ITALIANA
Rome
100kW::ANZ
SOUTH AFRICA
RADIO RSA
Meyerton
500kW::AF/EU
9590
CANADA
BBC
Sackville, NB
250kW:WS:NA
CYPRUS
BBC
Zyyi
100kW:WS:NA
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::ENA
RADIO NEDERLAND
Bonaire
300kW::CA
RADIO NEDERLAND
Bonaire
300kW::WNA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::ME
USA
AFRTS-US MILITARY
Greenville, NC
50kW:DS-ABC/CBS/NBC/NFR:EU
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::WNA
9595
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Biblis
100kW::WUSSR
JAPAN
NIHON SHORTWAVE BC
Tōkyō-Nagara
50kW:DS-1
NIHON SHORTWAVE BC
Tōkyō-Nagara
M-F:50kW:DS-1
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
UNITED ARAB EMIRATES
VOICE OF THE UAE
Abu Dhabi
250kW::EU
9600
ASCENSION
BBC
Georgetown
250kW::WAF
BBC
Georgetown
125/250kW::WAF
BBC
Georgetown
250kW:(J):CAF/EAF
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
SEA
VOICE FREE CHINA
T'ai-pei
ME/EU/NAF
VOICE FREE CHINA
T'ai-pei
SA
CUBA
RADIO MOSCOW/RP&P
Habana
100kW:N AMERICAN (J):NA
RADIO MOSCOW/RP&P
Habana
100kW:WS (J):NA
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::AF
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
500kW::SA
GREAT BRITAIN
+BBC
Skelton, Cumbria
100kW:(D):WUSSR
NEW ZEALAND
RADIO NEW ZEALAND
Wellington
7.5kW:DS:PAC
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::SEA
USSR
MAGADAN RADIO
Okhotsk
50kW:DS
RADIO MOSCOW/RP&P
Moscow
240kW:(J):WEU
RADIO TASHKENT
Tashkent
100kW:(D):SAS
9600v
MEXICO
R UNIVERSIDAD NAC
México City
Irr::0.25kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

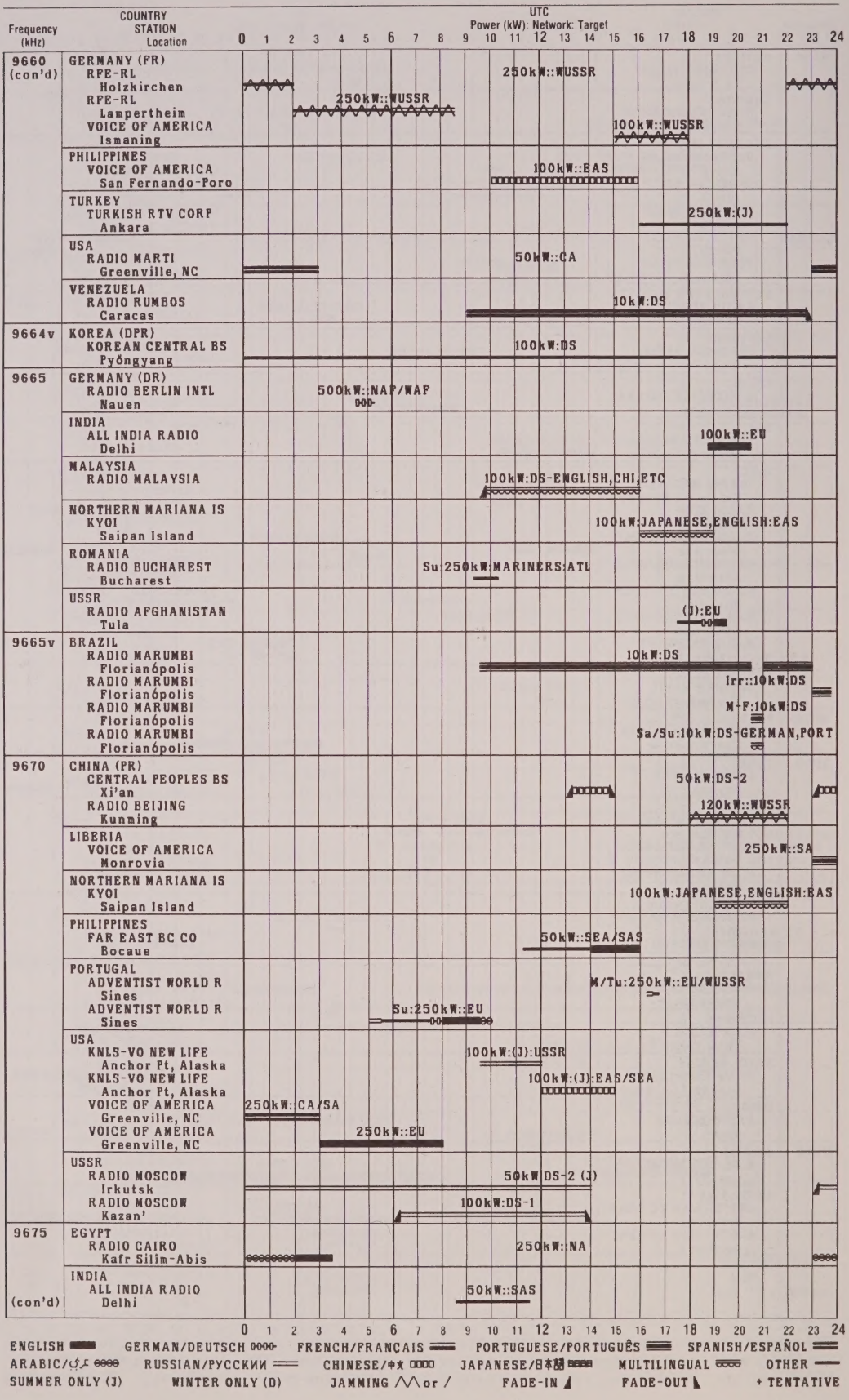

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9605
CANADA
DEUTSCHE WELLE
Sackville, NB
250kW::NA
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::NAF/EAF
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:AS
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF
MOROCCO
UNITED NATIONS R
Tangier
Sa:100kW::ME
VOICE OF AMERICA
Tangier
100kW:(J):EEU
OMAN
BBC
Maşirah
100kW::SAS
PHILIPPINES
RADIO VERITAS ASIA
Malolos
100kW::EAS
PORTUGAL
ADVENTIST WORLD R
Sines
Su:250kW::EU
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::EU
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::SA
RADIO PORTUGUESA
Lisbon-São Gabriel
M-F:100kW::EU
RADIO PORTUGUESA
Lisbon-São Gabriel
Sa/Su:100kW::EU
RADIO PORTUGUESA
Lisbon-São Gabriel
Irr:Sa/Su:100kW::EU
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::CA
USSR
RADIO MOSCOW
Serpukhov
50kW:DS-1
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
500kW::NA
9610
ASCENSION
BBC
Georgetown
250kW:(J):WAF
AUSTRALIA
AUSTRALIAN BC
Perth
10/50kW:DS
HOLLAND
RADIO NEDERLAND
Flevoland
500kW::WEU
INDIA
ALL INDIA RADIO
Delhi
50kW::SAS
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
IRAQ
RADIO BAGHDAD
Abu Ghraib
250kW::EU
USSR
RADIO MOSCOW/RP&P
Sverdlovsk
100kW:(D):CA/SA
RADIO MOSCOW/RP&P
Sverdlovsk
100kW::EU
RADIO MOSCOW/RP&P
Tula
240kW:(J):ENA/CA
9611v
INDONESIA
R REP INDONESIA
Jayapura
7.5kW:DS
R REP INDONESIA
Jayapura
Irr::7.5kW:DS
9615
CYPRUS
BBC
Zyyi
250kW::WUSSR
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW:(J):AM
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW:(J):ME/SAS/SEA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

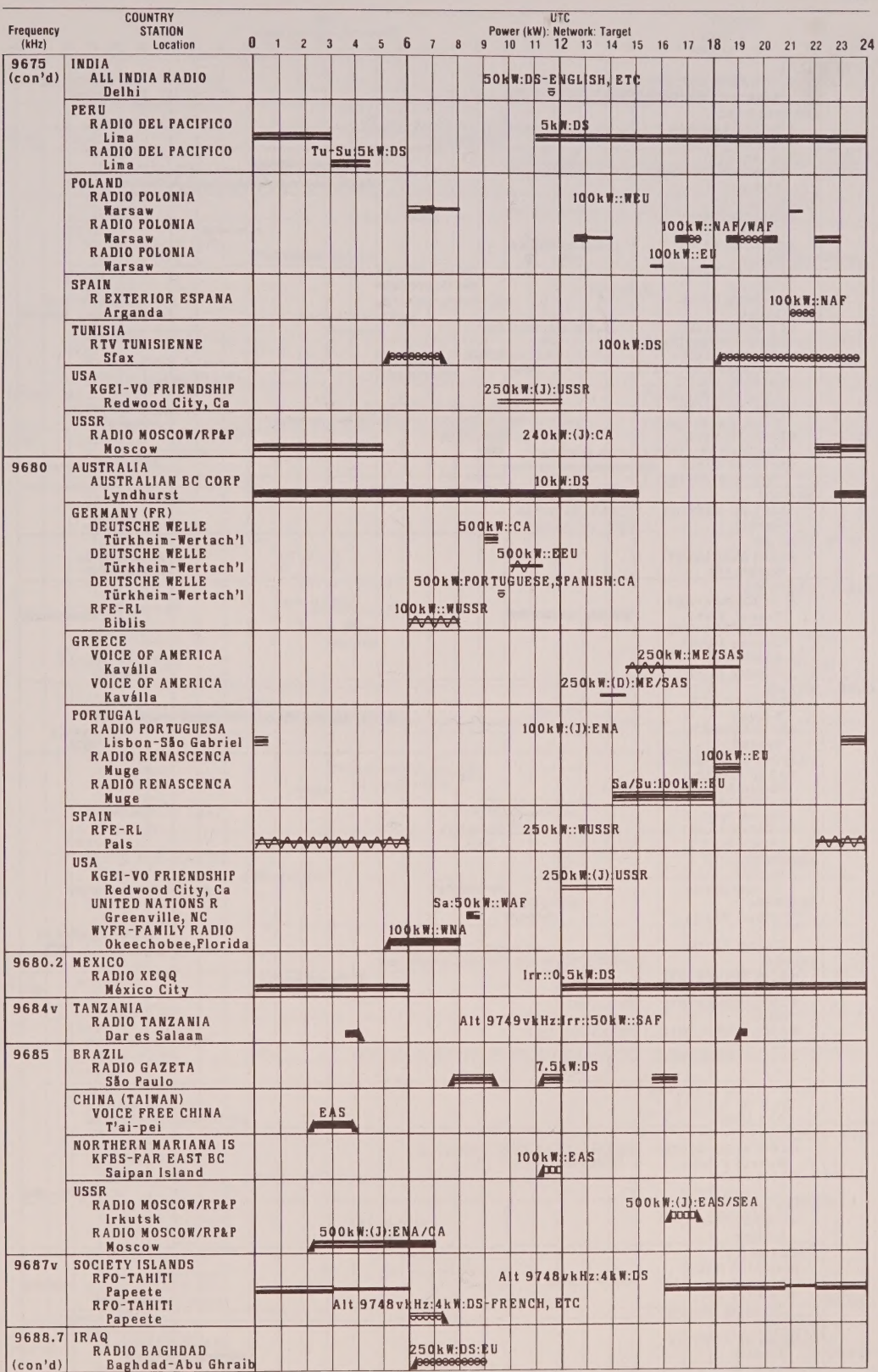

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9615 (con'd)
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(J):ME/SAS/SEA
INDIA
ALL INDIA RADIO
Bombay
100kW:DS-ENGLISH, ETC
ALL INDIA RADIO
Bombay
100kW:DS-VIVIDH BHARATI
ALL INDIA RADIO
Delhi
100kW::USSR
PORTUGAL
DEUTSCHE WELLE
Sines
250kW::EEU
RADIO CANADA INTL
Sines
250kW::WUSSR
SOUTH AFRICA
RADIO RSA
Meyerton
500kW::NA
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
50kW::CA/SA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
500kW::SA
VATICAN RADIO
Sta Maria Galeria
500kW::EAS/SEA
9617
ANGOLA
ER DA LUNDA NORTE
DUNDO
Irr:Sa/Su::DS
BANGLADESH
RADIO BANGLADESH
Dhaka
100kW:DS
9618
MOZAMBIQUE
RADIO MOCAMBIQUE
Maputo
120kW:DS
9620
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-GENERAL:NAF
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::NAF/WAF
LIBERIA
VOICE OF AMERICA
Monrovia
15kW::WAF
PHILIPPINES
VOICE OF AMERICA
50/250kW::SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
SPAIN
R EXTERIOR ESPANA
Arganda
M-Sa:100kW::EU
R EXTERIOR ESPANA
Arganda
100kW:(J):EU
URUGUAY
SODRE
Montevideo
2kW:DS
USA
UNITED NATIONS R
Greenville, NC
Sa:50kW::WEU/NAF
USSR
RADIO MOSCOW
Moscow
240kW:DS-2
YUGOSLAVIA
DS-VARIOUS
Belgrade
100kW:DS-REGIONAL STNS:EU
DS-VARIOUS
Belgrade
Sa/Su:100kW:DS-REGIONAL STNS:EU
RADIO KOPER
Belgrade
100kW:DS:EU
RADIO YUGOSLAVIA
Belgrade
100kW
RADIO YUGOSLAVIA
Belgrade
100kW::EU
RADIO YUGOSLAVIA
Belgrade
100kW::WAF/SA
RADIO YUGOSLAVIA
Belgrade
100kW::WEU/ENA
RADIO ZAGREB
Belgrade
Th:100kW:DS:WEU/ATL
9625
CANADA
CANADIAN BC CORP
Sackville, NB
M:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
M-F:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
Sa:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
Su:100kW:DS-NORTHERN
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

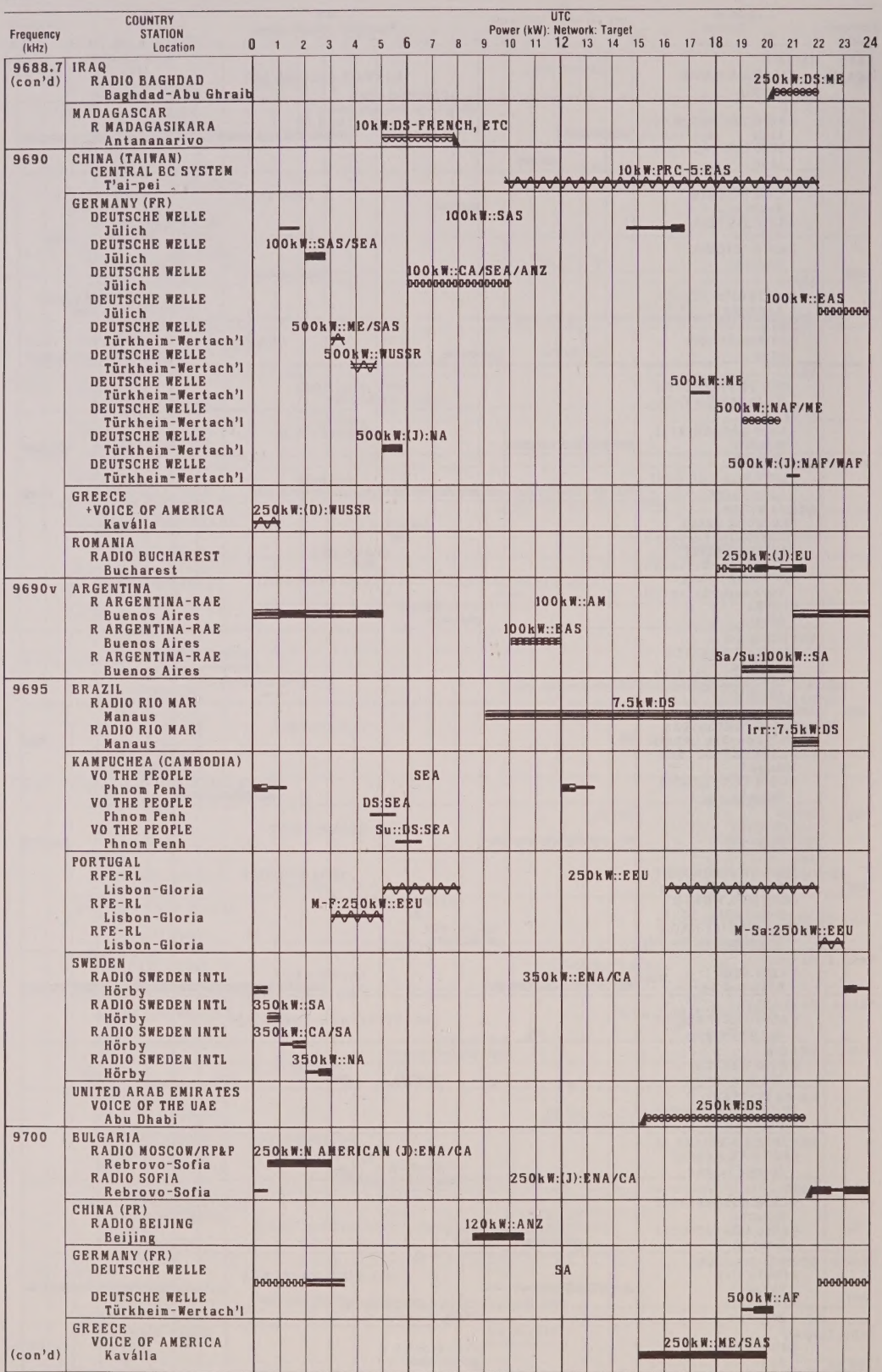

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9625 (con'd)
CANADA
CANADIAN BC CORP Sackville, NB
Su:100kW:DS-NORTHERN:E
CANADIAN BC CORP Sackville, NB
Tu-Sa:100kW:DS-NORTHERN
CYPRUS
BBC Zyyi
100kW::NAF/ME
GERMANY (FR)
VOICE OF AMERICA Ismaning
100kW:(J):WUSSR
MALTA
DEUTSCHE WELLE Marsaxlokk Cyclops
250kW::ME
SPAIN
RFE-RL Pals
250kW::WUSSR
TURKEY
TURKISH RTV CORP Ankara
250kW:(J):EU
9630
CHINA (TAIWAN)
CENTRAL BC SYSTEM T'ai-pei
PRC-3:EAS
CZECHOSLOVAKIA
RADIO PRAGUE Pieštány-Velké K'y
250kW:GER,FR,ENG,ETC:ENA/CA
RADIO PRAGUE Pieštány-Velké K'y
250kW::ENA/CA
RADIO PRAGUE Pieštány-Velké K'y
250kW::EAF
GABON
ADVENTIST WORLD R Via Afrique Nr Un
M-Sa:250kW::WAF
INDIA
ALL INDIA RADIO Aligarh
250kW::SAS/ME
IRAQ
RADIO BAGHDAD Balad-Salah 'Deen
500kW:DS
NETHERLANDS ANTILLES
RADIO NEDERLAND Bonaire
300kW::ANZ
SPAIN
R EXTERIOR ESPANA Noblejas
350kW::NA/CA
SWEDEN
RADIO SWEDEN INTL Karlsborg
350kW::EU/WAF
USSR
RADIO MOSCOW/RP&P Serpukhov
240kW:(J):EU/WAF
9630v
CHILE
RADIO AGRICULTURA Santiago
10kW:DS
RADIO AGRICULTURA Santiago
Irr::10kW:DS
RADIO AGRICULTURA Santiago
M-Sa:10kW:DS
9635
AUSTRIA
OSTERREICHISCHER R Vienna
100kW:(J):ENA
OSTERREICHISCHER R Vienna
500kW:(J):WNA
OSTERREICHISCHER R Vienna
M-Sa:500kW:(J):WNA
OSTERREICHISCHER R Vienna
Su:500kW:(J):WNA
BRAZIL
RADIO APARECIDA Aparecida
10kW:DS
COLOMBIA
RADIO NACIONAL Bogotá
25kW:DS
CYPRUS
BBC Zyyi
250kW:(J):WUSSR
CYPRUS BC CORP Zyyi
F-Su:250kW:(J):EU
GERMANY (DR)
RADIO BERLIN INTL Königswusterhausen
100kW::WEU/NAF
GREAT BRITAIN
BBC
(J):EU
VOICE OF AMERICA Woofferton
(con'd)
250kW:(J):WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

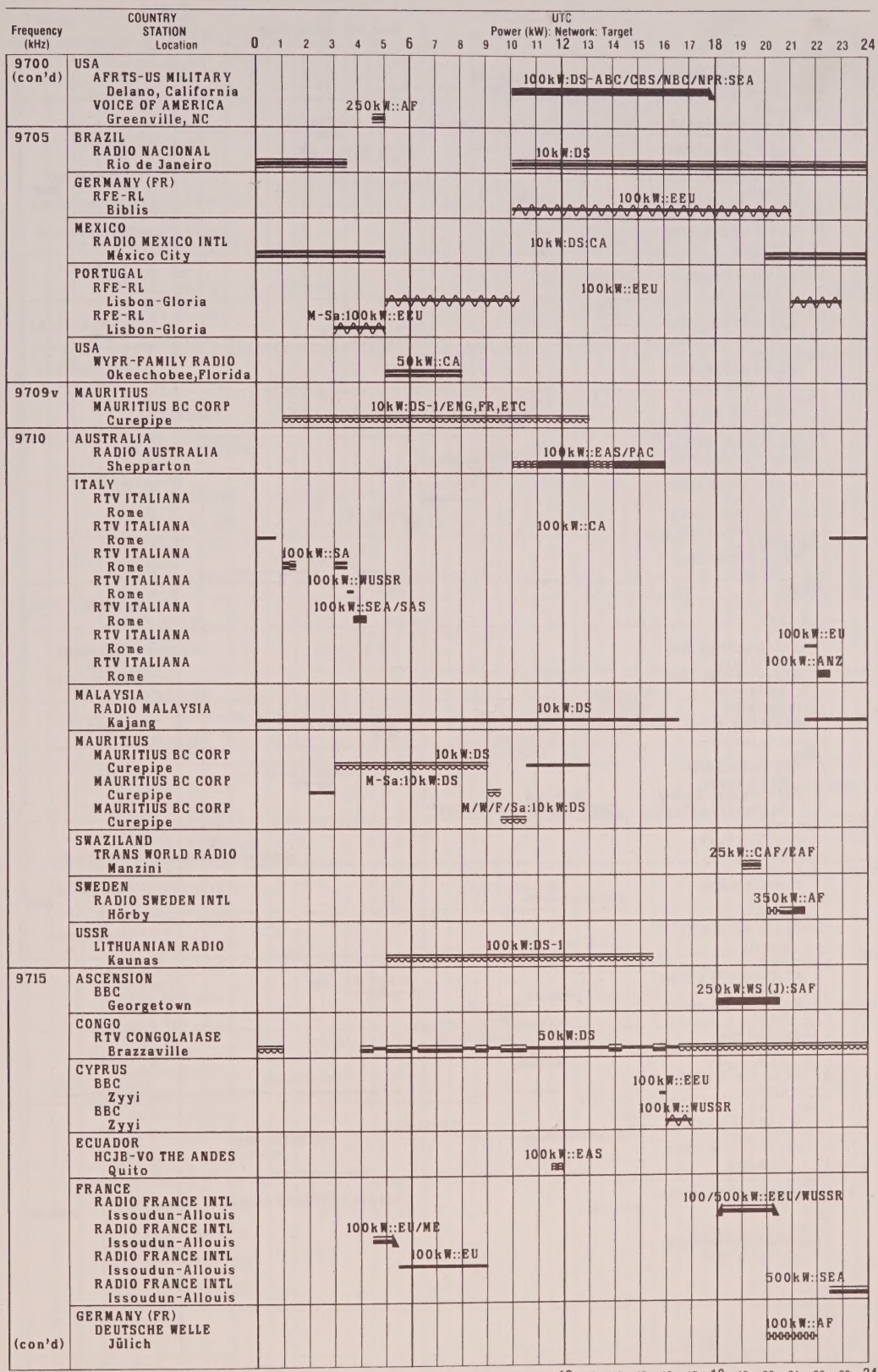

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9635 (con'd)
GREECE
VOICE OF AMERICA
Kaválla
250kW::SAS
IRAQ
RADIO BAGHDAD
Balad-Salah 'Deen
500kW:DS/ES:EU
MALI
RTV MALIENNE
Bamako
18kW:DS-FRENCH, ETC
RTV MALIENNE
Bamako
Su:18kW:DS-FRENCH, ETC
SINGAPORE
SINGAPORE BC CORP
Seletar
50kW:DS
9637v
MOZAMBIQUE
EP DE SOFALA
Beira
100kW:DS
9640
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
100kW::SEA
BANGLADESH
RADIO BANGLADESH
Dhaka
100kW::SAS
CHINA (PR)
RADIO BEIJING
Kunming
50kW:(J):EU/WAF
CUBA
RADIO HABANA
Havana
100kW::CA
GERMANY (FR)
DEUTSCHE WELLE
EEU
DEUTSCHE WELLE
Jülich
100kW:(J):AF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME
GREAT BRITAIN
BBC
Holywell-Rampisham
100kW:WS:CA/ANZ
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
100kW::SA/EAS
RADIO KOREA
In-Kimjae
100kW::SEA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AF
RWANDA
DEUTSCHE WELLE
Kigali
250kW::AM
SWAZILAND
TRANS WORLD RADIO
Manzini
100kW::EAF
USA
VOICE OF AMERICA
Greenville, NC
M-F:250kW:FEED:CA/SA
VOICE OF AMERICA
Greenville, NC
M-F:250kW:FEED/SP, PORT:CA/SA
USSR
RADIO MOSCOW
Moscow
240kW::EU
RADIO MOSCOW/RP&P
Moscow
240kW::EU
9645
BRAZIL
RADIO BANDEIRANTES
São Paulo
7.5kW:DS
RADIO BANDEIRANTES
São Paulo
Irr::7.5kW:DS
COSTA RICA
FARO DEL CARIBE
San José
50kW:DS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
200kW::SAS/EAF
SRI LANKA
DEUTSCHE WELLE
Trincomalee
250kW::EAS
VOICE OF AMERICA
Colombo
35kW::SAS
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::CA
VATICAN RADIO
Sta Maria Galeria
100kW::EU
VATICAN RADIO
Sta Maria Galeria
100kW::WEU/NAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

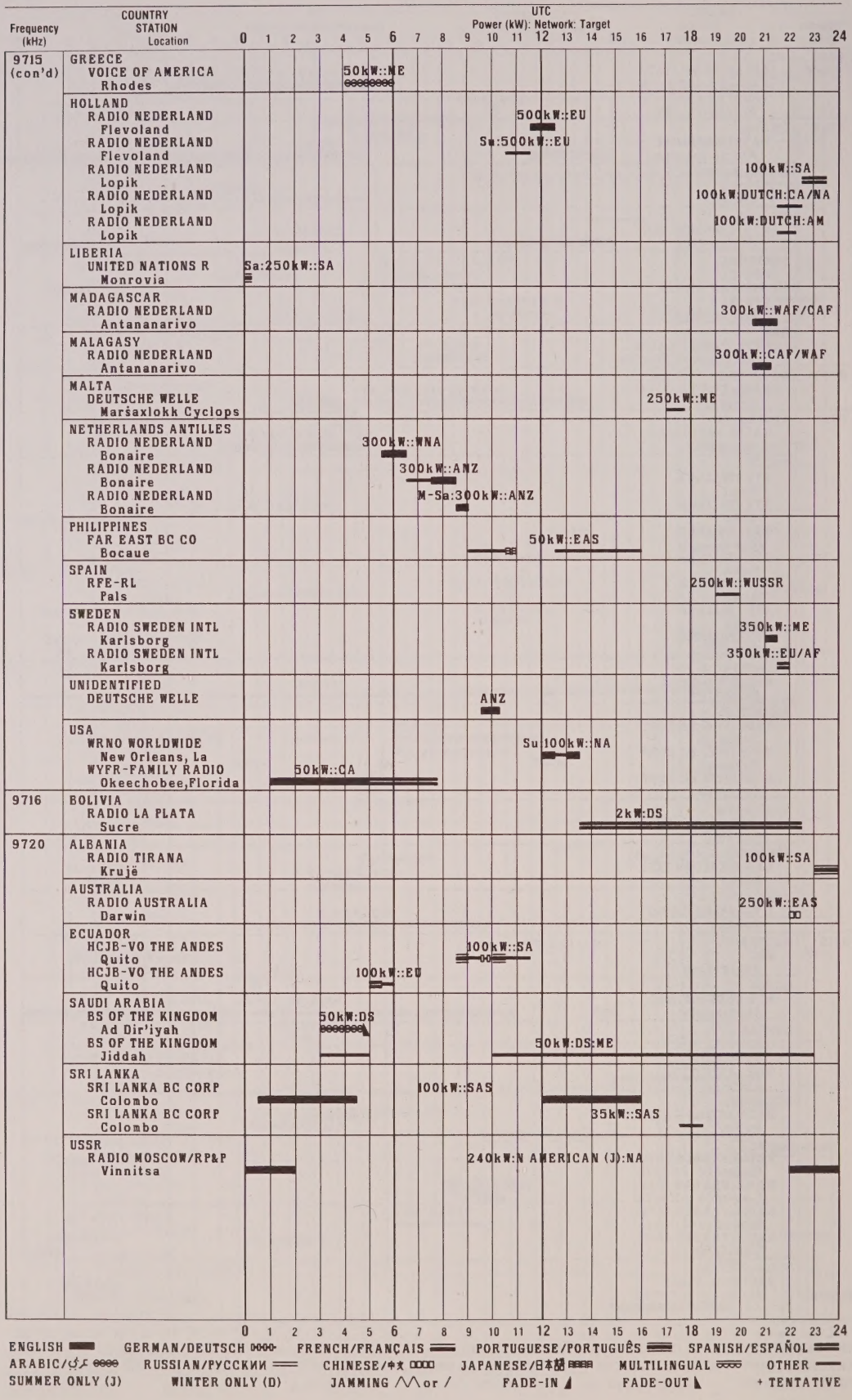

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9650
ANTIGUA
DEUTSCHE WELLE
St John's
125kW::ANZ
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::ENA/CA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::WUSSR
DEUTSCHE WELLE
Jülich
100kW::EU
DEUTSCHE WELLE
Jülich
100kW::ME/SAS
DEUTSCHE WELLE
Jülich
100kW:(J):WUSSR
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::CA/ANZ
PORTUGAL
DEUTSCHE WELLE
Sines
250kW:(J):EEU
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::SEA/ANZ
USA
VOICE OF AMERICA
Greenville, NC
500kW::CA/SA
USSR
"RADIO MAGALLANES"
Via Radio Moscow
500kW:(D):SA
RADIO KIEV
Kiev
100kW:(J):EU
RADIO MOSCOW/RP&P
Alma-Ata
500kW:(D):SA
RADIO MOSCOW/RP&P
Alma-Ata
500kW:(D):EAF/SAF
RADIO MOSCOW/RP&P
Moscow
100kW:(J):EU
RADIO MOSCOW/RP&P
ALMA ATA
500kW::WAF
RADIO TASHKENT
Tashkent
100kW:(J):SAS
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
500kW::SAS
9654v
PERU
RADIO NORPERUANA
Chachapoyas
1kW:DS
9655
CUBA
RADIO HABANA
Havana
50kW:(J):CA
ECUADOR
HCJB-VO THE ANDES
Quito
500kW::EU
HCJB-VO THE ANDES
Quito
M-F:500kW::EU
HCJB-VO THE ANDES
Quito
Sa/Su:500kW::EU
FINLAND
RADIO FINLAND
Pori
250kW:(J):WUSSR
RADIO FINLAND
Pori
250kW:(J):EU
MONACO
TRANS WORLD RADIO
Monte Carlo
M-F:100kW::EU
PORTUGAL
IBRA RADIO
Via R Trans Europe
250kW::EU/WUSR
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
350kW:DS-KORAN:NAF
USSR
RADIO MOSCOW
Orcha
100kW:MARINERS (J):ATL/ENA/CA
9660
ANGOLA
R NAC DE ANGOLA
Luanda
100kW:DS-A
AUSTRALIA
AUSTRALIAN BC CORP
Brisbane
10kW:DS
AUSTRALIAN BC CORP
Brisbane
M-Sa:10kW:DS
CYPRUS
BBC
(con'd)
Zyyi
100kW:WS:EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9660 (con'd)
GERMANY (FR)
RFE-RL Holzkirchen
250kW::WUSSR
RFE-RL Lampertheim
250kW::WUSSR
VOICE OF AMERICA Ismaning
100kW::WUSSR
PHILIPPINES
VOICE OF AMERICA San Fernando-Poro
100kW::EAS
TURKEY
TURKISH RTV CORP Ankara
250kW:(J)
USA
RADIO MARTI Greenville, NC
50kW::CA
VENEZUELA
RADIO RUMBOS Caracas
10kW:DS
9664v
KOREA (DPR)
KOREAN CENTRAL BS Pyŏngyang
100kW:DS
9665
GERMANY (DR)
RADIO BERLIN INTL Nauen
500kW::NAF/WAF
INDIA
ALL INDIA RADIO Delhi
100kW::EU
MALAYSIA
RADIO MALAYSIA
100kW:DS-ENGLISH,CHI,ETC
NORTHERN MARIANA IS
KYOI Saipan Island
100kW:JAPANESE,ENGLISH:EAS
ROMANIA
RADIO BUCHAREST Bucharest
Su:250kW:MARINERS:ATL
USSR
RADIO AFGHANISTAN Tula
(J):EU
9665v
BRAZIL
RADIO MARUMBI Florianópolis
10kW:DS
RADIO MARUMBI Florianópolis
Irr::10kW:DS
RADIO MARUMBI Florianópolis
M-F:10kW:DS
RADIO MARUMBI Florianópolis
Sa/Su:10kW:DS-GERMAN,PORT
9670
CHINA (PR)
CENTRAL PEOPLES BS Xi'an
50kW:DS-2
RADIO BEIJING Kunming
120kW::WUSSR
LIBERIA
VOICE OF AMERICA Monrovia
250kW::SA
NORTHERN MARIANA IS
KYOI Saipan Island
100kW:JAPANESE,ENGLISH:EAS
PHILIPPINES
FAR EAST BC CO Bocaue
50kW::SEA/SAS
PORTUGAL
ADVENTIST WORLD R Sines
M/Tu:250kW::EU/WUSSR
ADVENTIST WORLD R Sines
Su:250kW::EU
USA
KNLS-VO NEW LIFE Anchor Pt, Alaska
100kW:(J):USSR
KNLS-VO NEW LIFE Anchor Pt, Alaska
100kW:(J):EAS/SEA
VOICE OF AMERICA Greenville, NC
250kW::CA/SA
VOICE OF AMERICA Greenville, NC
250kW::EU
USSR
RADIO MOSCOW Irkutsk
50kW:DS-2 (J)
RADIO MOSCOW Kazan'
100kW:DS-1
9675 (con'd)
EGYPT
RADIO CAIRO Kafr Silim-Abis
250kW::NA
INDIA
ALL INDIA RADIO Delhi
50kW::SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9675 (con'd)
INDIA
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
PERU
RADIO DEL PACIFICO
Lima
5kW:DS
RADIO DEL PACIFICO
Lima
Tu-Su:5kW:DS
POLAND
RADIO POLONIA
Warsaw
100kW::WEU
RADIO POLONIA
Warsaw
100kW::NAF/WAF
RADIO POLONIA
Warsaw
100kW::EU
SPAIN
R EXTERIOR ESPANA
Arganda
100kW::NAF
TUNISIA
RTV TUNISIENNE
Sfax
100kW:DS
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
250kW:(J):USSR
USSR
RADIO MOSCOW/RP&P
Moscow
240kW:(J):CA
9680
AUSTRALIA
AUSTRALIAN BC CORP
Lyndhurst
10kW:DS
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::CA
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EEU
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:PORTUGUESE,SPANISH:CA
RFE-RL
Biblis
100kW::WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
VOICE OF AMERICA
Kaválla
250kW:(D):ME/SAS
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW:(J):ENA
RADIO RENASCENCA
Muge
100kW::EU
RADIO RENASCENCA
Muge
Sa/Su:100kW::EU
SPAIN
RFE-RL
Pals
250kW::WUSSR
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
250kW:(J):USSR
UNITED NATIONS R
Greenville, NC
Sa:50kW::WAF
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::WNA
9680.2
MEXICO
RADIO XEQQ
México City
Irr::0.5kW:DS
9684v
TANZANIA
RADIO TANZANIA
Dar es Salaam
Alt 9749vkHz:Irr::50kW::SAF
9685
BRAZIL
RADIO GAZETA
São Paulo
7.5kW:DS
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
EAS
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::EAS
USSR
RADIO MOSCOW/RP&P
Irkutsk
500kW:(J):EAS/SEA
RADIO MOSCOW/RP&P
Moscow
500kW:(J):ENA/CA
9687v
SOCIETY ISLANDS
RFO-TAHITI
Papeete
Alt 9748vkHz:4kW:DS
RFO-TAHITI
Papeete
Alt 9748vkHz:4kW:DS-FRENCH, ETC
9688.7 (con'd)
IRAQ
RADIO BAGHDAD
Baghdad-Abu Ghraib
250kW:DS:EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9688.7 (con'd)
IRAQ
RADIO BAGHDAD
Baghdad-Abu Ghraib
250kW:DS:ME
MADAGASCAR
R MADAGASIKARA
Antananarivo
10kW:DS-FRENCH, ETC
9690
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
10kW:PRC-5:EAS
GERMANY (PR)
DEUTSCHE WELLE
Jülich
100kW::SAS
DEUTSCHE WELLE
Jülich
100kW::SAS/SEA
DEUTSCHE WELLE
Jülich
100kW::CA/SEA/ANZ
DEUTSCHE WELLE
Jülich
100kW::EAS
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::NAF/ME
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(J):NA
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(J):NAF/WAF
GREECE
+VOICE OF AMERICA
Kaválla
250kW:(D):WUSSR
ROMANIA
RADIO BUCHAREST
Bucharest
250kW:(J):EU
9690v
ARGENTINA
R ARGENTINA-RAE
Buenos Aires
100kW::AM
R ARGENTINA-RAE
Buenos Aires
100kW::EAS
R ARGENTINA-RAE
Buenos Aires
Sa/Su:100kW::SA
9695
BRAZIL
RADIO RIO MAR
Manaus
7.5kW:DS
RADIO RIO MAR
Manaus
Irr::7.5kW:DS
KAMPUCHEA (CAMBODIA)
VO THE PEOPLE
Phnom Penh
SEA
VO THE PEOPLE
Phnom Penh
DS:SEA
VO THE PEOPLE
Phnom Penh
Su::DS:SEA
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
M-F:250kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:250kW::EEU
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::ENA/CA
RADIO SWEDEN INTL
Hörby
350kW::SA
RADIO SWEDEN INTL
Hörby
350kW::CA/SA
RADIO SWEDEN INTL
Hörby
350kW::NA
UNITED ARAB EMIRATES
VOICE OF THE UAE
Abu Dhabi
250kW:DS
9700
BULGARIA
RADIO MOSCOW/RP&P
Rebrovo-Sofia
250kW:N AMERICAN (J):ENA/CA
RADIO SOFIA
Rebrovo-Sofia
250kW:(J):ENA/CA
CHINA (PR)
RADIO BEIJING
Beijing
120kW::ANZ
GERMANY (FR)
DEUTSCHE WELLE
SA
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AF
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9700 (con'd)
USA
AFRTS-US MILITARY Delano, California
100kW:DS-ABC/CBS/NBC/NPR:SEA
VOICE OF AMERICA Greenville, NC
250kW::AF
9705
BRAZIL
RADIO NACIONAL Rio de Janeiro
10kW:DS
GERMANY (FR)
RFE-RL Biblis
100kW::EEU
MEXICO
RADIO MEXICO INTL México City
10kW:DS:CA
PORTUGAL
RFE-RL Lisbon-Gloria
100kW::EEU
RFE-RL Lisbon-Gloria
M-Sa:100kW::EEU
USA
WYFR-FAMILY RADIO Okeechobee,Florida
50kW::CA
9709v
MAURITIUS
MAURITIUS BC CORP Curepipe
10kW:DS-1/ENG,FR,ETC
9710
AUSTRALIA
RADIO AUSTRALIA Shepparton
100kW::EAS/PAC
ITALY
RTV ITALIANA Rome
100kW::CA
RTV ITALIANA Rome
100kW::SA
RTV ITALIANA Rome
100kW::WUSSR
RTV ITALIANA Rome
100kW::SEA/SAS
RTV ITALIANA Rome
100kW::EU
RTV ITALIANA Rome
100kW::ANZ
MALAYSIA
RADIO MALAYSIA Kajang
10kW:DS
MAURITIUS
MAURITIUS BC CORP Curepipe
10kW:DS
MAURITIUS BC CORP Curepipe
M-Sa:10kW:DS
MAURITIUS BC CORP Curepipe
M/W/F/Sa:10kW:DS
SWAZILAND
TRANS WORLD RADIO Manzini
25kW::CAF/EAF
SWEDEN
RADIO SWEDEN INTL Hörby
350kW::AF
USSR
LITHUANIAN RADIO Kaunas
100kW:DS-1
9715
ASCENSION
BBC Georgetown
250kW:WS(J):SAF
CONGO
RTV CONGOLAISE Brazzaville
50kW:DS
CYPRUS
BBC Zyyi
100kW::EEU
BBC Zyyi
100kW::WUSSR
ECUADOR
HCJB-VO THE ANDES Quito
100kW::EAS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100/500kW::EEU/WUSSR
RADIO FRANCE INTL Issoudun-Allouis
100kW::EU/ME
RADIO FRANCE INTL Issoudun-Allouis
100kW::EU
RADIO FRANCE INTL Issoudun-Allouis
500kW::SEA
GERMANY (FR)
DEUTSCHE WELLE Jülich
(con'd)
100kW::AF
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING or / FADE-IN FADE-OUT + TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9715 (con'd)
GREECE
VOICE OF AMERICA
Rhodes
50kW::ME
HOLLAND
RADIO NEDERLAND
Flevoland
500kW::EU
RADIO NEDERLAND
Flevoland
Su:500kW::EU
RADIO NEDERLAND
Lopik
100kW::SA
RADIO NEDERLAND
Lopik
100kW:DUTCH:CA/NA
RADIO NEDERLAND
Lopik
100kW:DUTCH:AM
LIBERIA
UNITED NATIONS R
Monrovia
Sa:250kW::SA
MADAGASCAR
RADIO NEDERLAND
Antananarivo
300kW::WAF/CAF
MALAGASY
RADIO NEDERLAND
Antananarivo
300kW::CAF/WAF
MALTA
DEUTSCHE WELLE
Marśaxlokk Cyclops
250kW::ME
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::WNA
RADIO NEDERLAND
Bonaire
300kW::ANZ
RADIO NEDERLAND
Bonaire
M-Sa:300kW::ANZ
PHILIPPINES
FAR EAST BC CO
Bocaue
50kW::EAS
SPAIN
RFE-RL
Pals
250kW::WUSSR
SWEDEN
RADIO SWEDEN INTL
Karlsborg
350kW::ME
RADIO SWEDEN INTL
Karlsborg
350kW::EU/AF
UNIDENTIFIED
DEUTSCHE WELLE
ANZ
USA
WRNO WORLDWIDE
New Orleans, La
Su 100kW::NA
WYFR-FAMILY RADIO
Okeechobee,Florida
50kW::CA
9716
BOLIVIA
RADIO LA PLATA
Sucre
2kW:DS
9720
ALBANIA
RADIO TIRANA
Krujë
100kW::SA
AUSTRALIA
RADIO AUSTRALIA
Darwin
250kW::EAS
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
HCJB-VO THE ANDES
Quito
100kW::EU
SAUDI ARABIA
BS OF THE KINGDOM
Ad Dir'iyah
50kW:DS
BS OF THE KINGDOM
Jiddah
50kW:DS:ME
SRI LANKA
SRI LANKA BC CORP
Colombo
100kW::SAS
SRI LANKA BC CORP
Colombo
35kW::SAS
USSR
RADIO MOSCOW/RP&P
Vinnitsa
240kW:N AMERICAN (J):NA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
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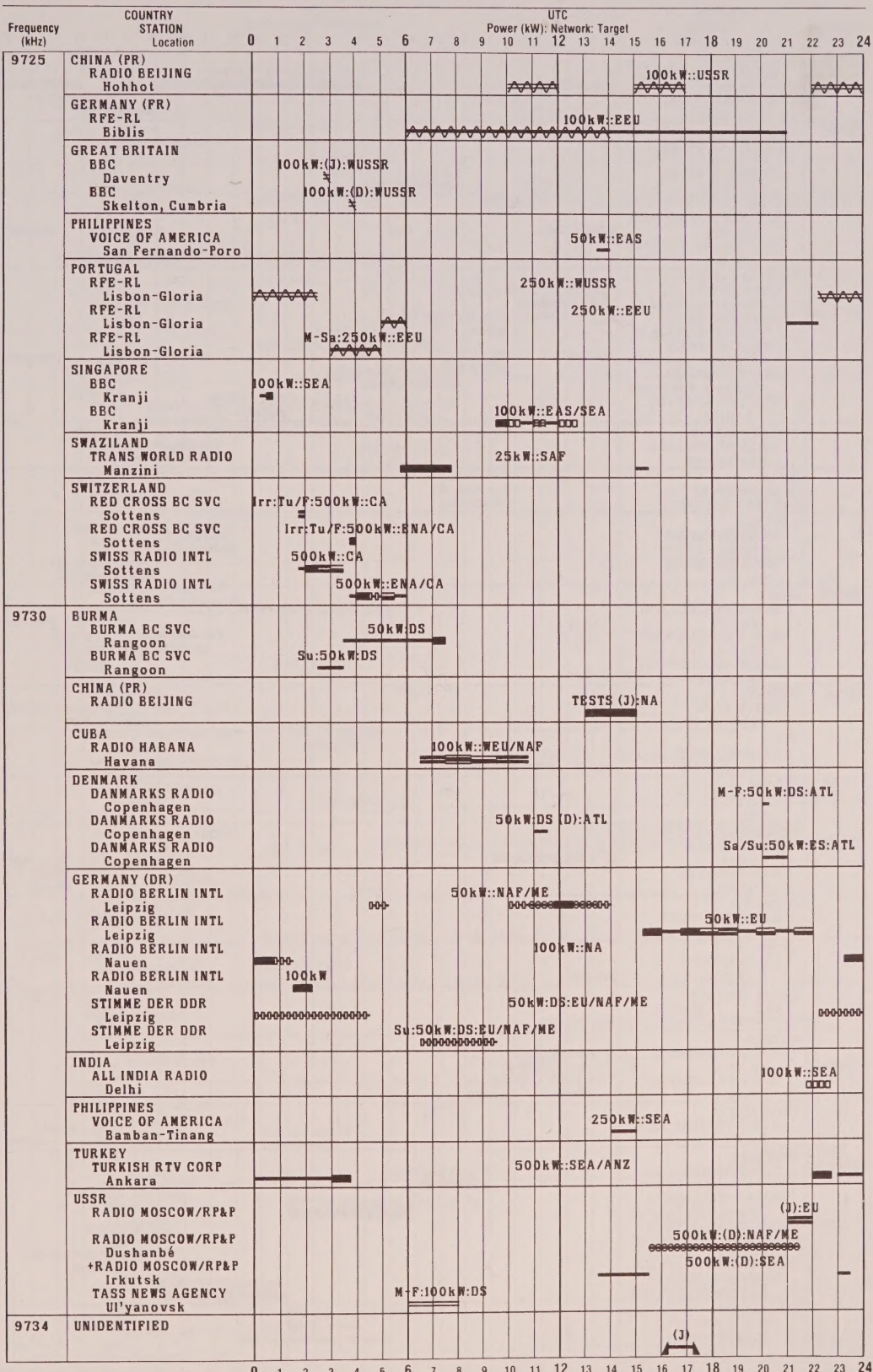
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9725
CHINA (PR)
RADIO BEIJING
Hohhot
100kW::USSR
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
GREAT BRITAIN
BBC
Daventry
100kW:(J):WUSSR
BBC
Skelton, Cumbria
100kW:(D):WUSSR
PHILIPPINES
VOICE OF AMERICA
San Fernando-Poro
50kW::EAS
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:250kW::EEU
SINGAPORE
BBC
Kranji
100kW::SEA
BBC
Kranji
100kW::EAS/SEA
SWAZILAND
TRANS WORLD RADIO
Manzini
25kW::SAF
SWITZERLAND
RED CROSS BC SVC
Sottens
Irr:Tu/F:500kW::CA
RED CROSS BC SVC
Sottens
Irr:Tu/F:500kW::ENA/CA
SWISS RADIO INTL
Sottens
500kW::CA
SWISS RADIO INTL
Sottens
500kW::ENA/CA
9730
BURMA
BURMA BC SVC
Rangoon
50kW:DS
BURMA BC SVC
Rangoon
Su:50kW:DS
CHINA (PR)
RADIO BEIJING
TESTS (J):NA
CUBA
RADIO HABANA
Havana
100kW::WEU/NAF
DENMARK
DANMARKS RADIO
Copenhagen
M-F:50kW:DS:ATL
DANMARKS RADIO
Copenhagen
50kW:DS (D):ATL
DANMARKS RADIO
Copenhagen
Sa/Su:50kW:ES:ATL
GERMANY (DR)
RADIO BERLIN INTL
Leipzig
50kW::NAF/ME
RADIO BERLIN INTL
Leipzig
50kW::EU
RADIO BERLIN INTL
Nauen
100kW::NA
RADIO BERLIN INTL
Nauen
100kW
STIMME DER DDR
Leipzig
50kW:DS:EU/NAF/ME
STIMME DER DDR
Leipzig
Su:50kW:DS:EU/NAF/ME
INDIA
ALL INDIA RADIO
Delhi
100kW::SEA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
TURKEY
TURKISH RTV CORP
Ankara
500kW::SEA/ANZ
USSR
RADIO MOSCOW/RP&P
(J):EU
RADIO MOSCOW/RP&P
Dushanbé
500kW:(D):NAF/ME
+RADIO MOSCOW/RP&P
Irkutsk
500kW:(D):SEA
TASS NEWS AGENCY
Ul'yanovsk
M-F:100kW:DS
9734
UNIDENTIFIED
(J)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
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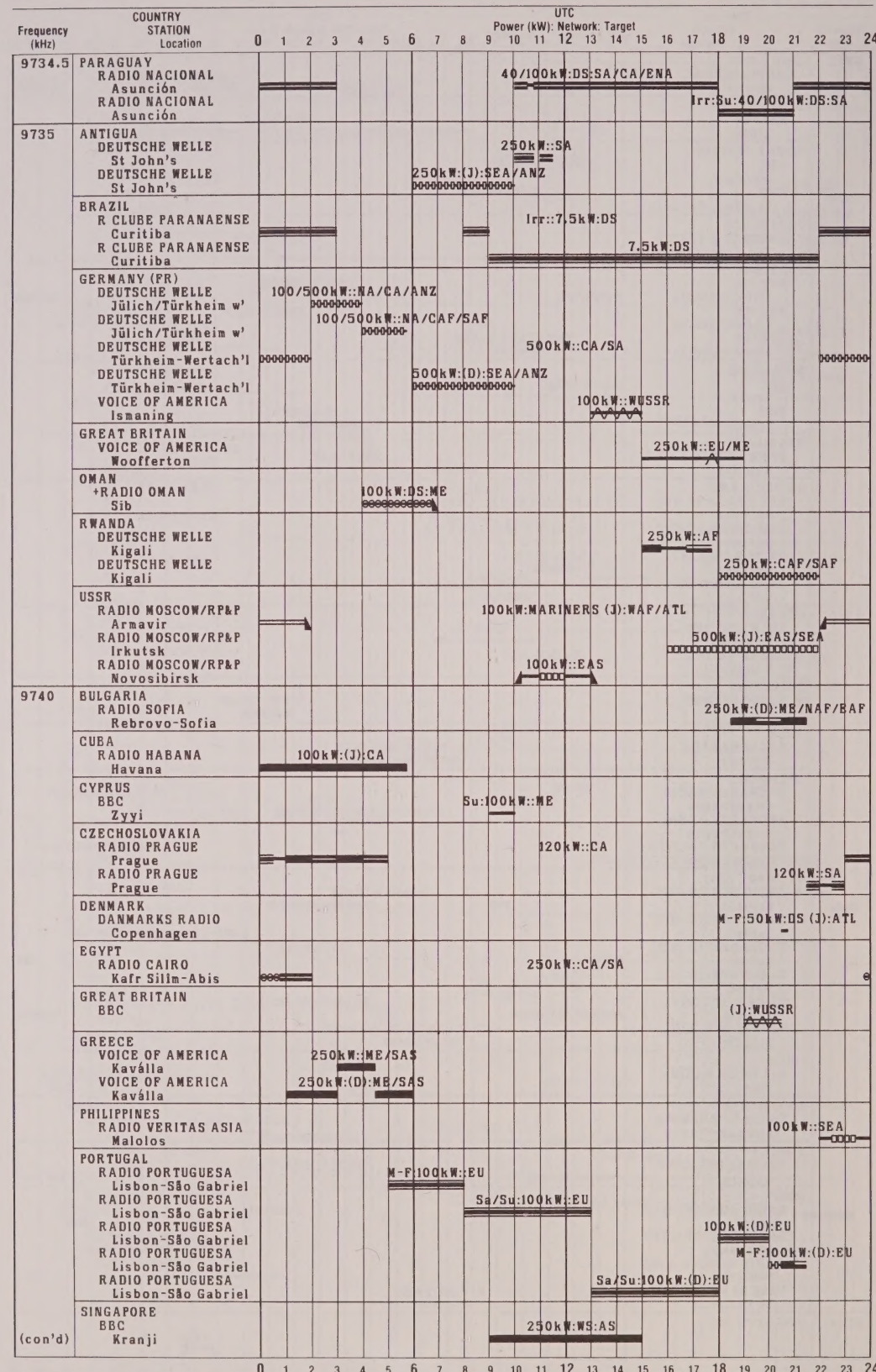
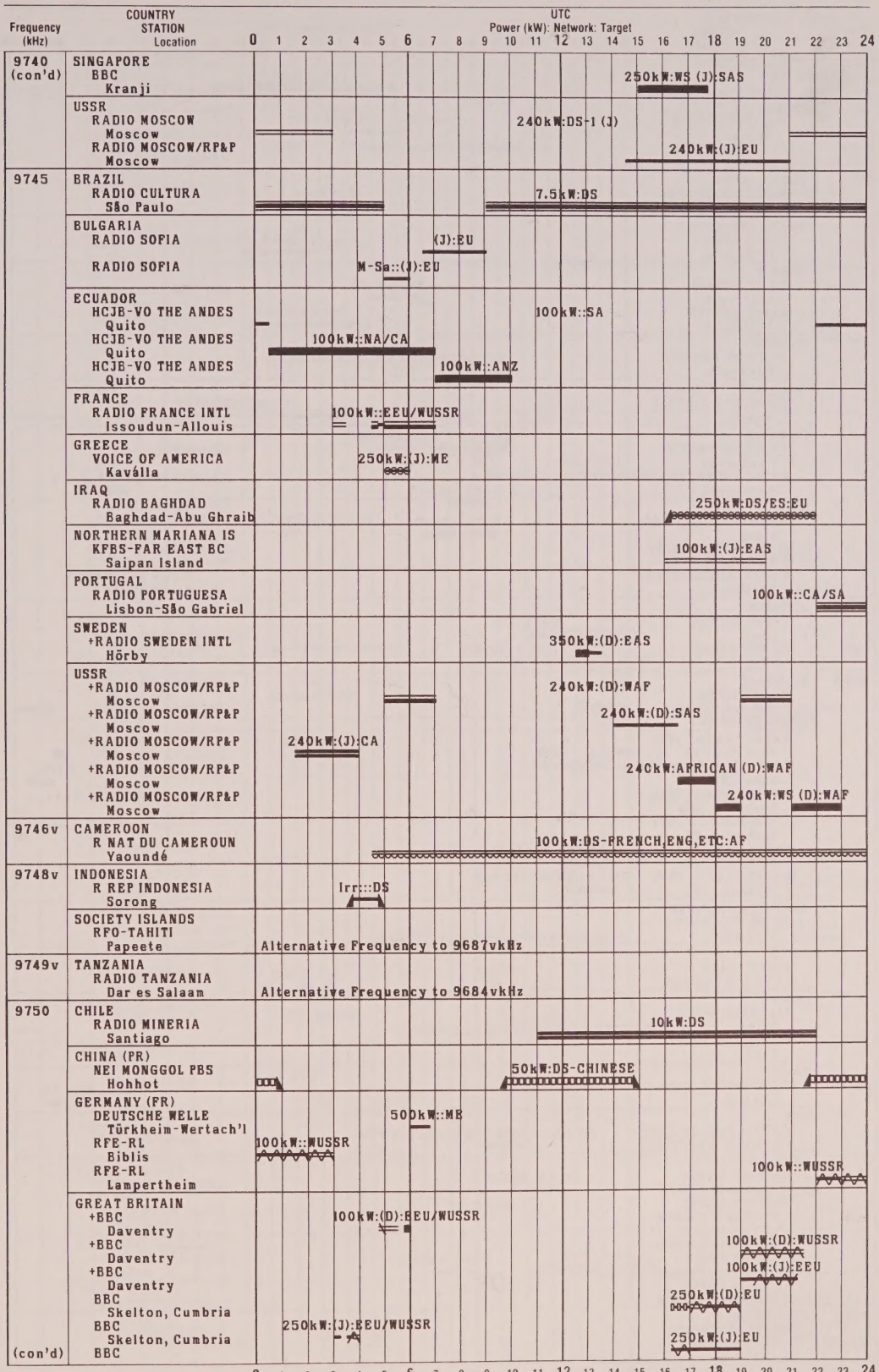
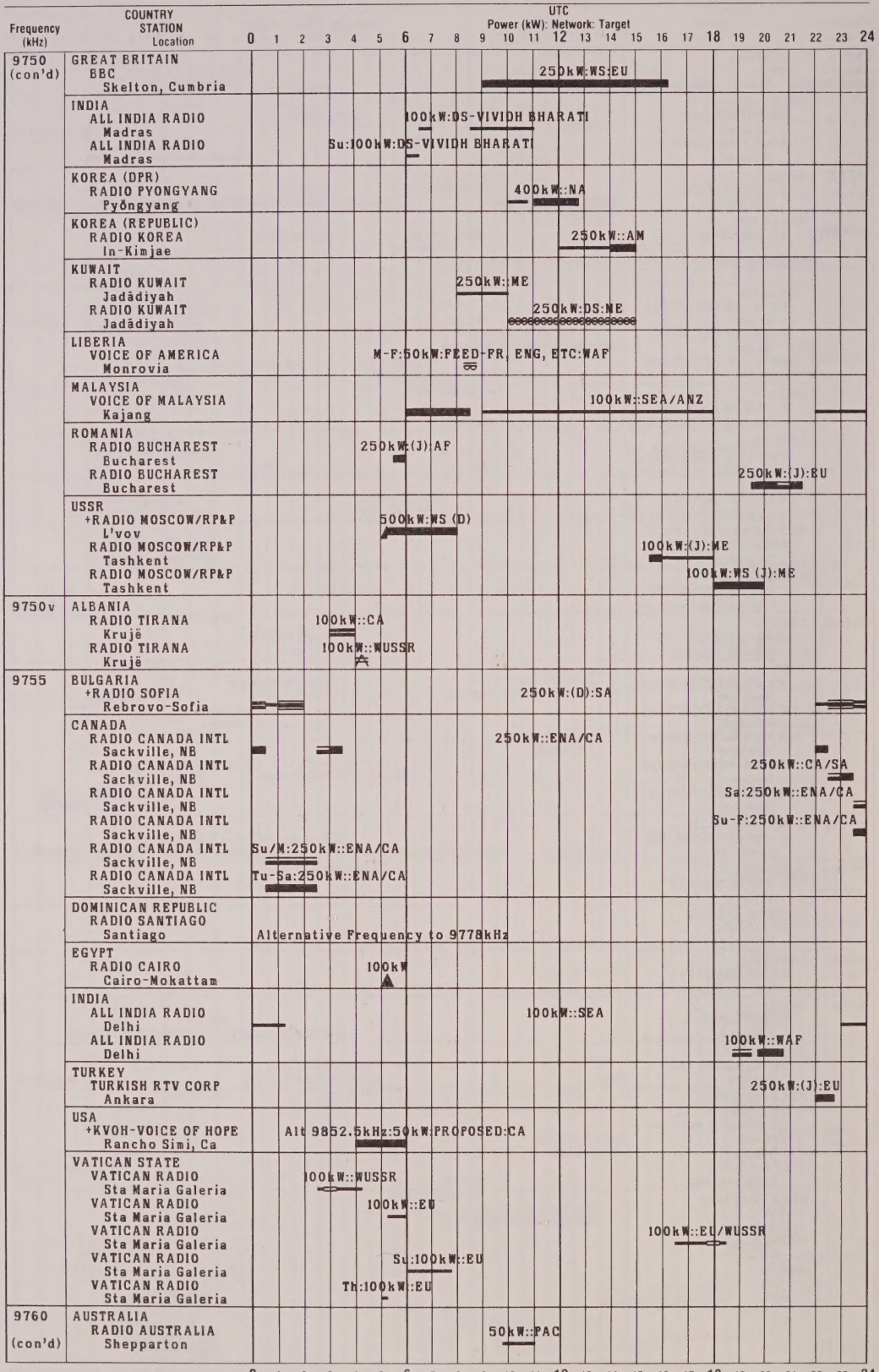
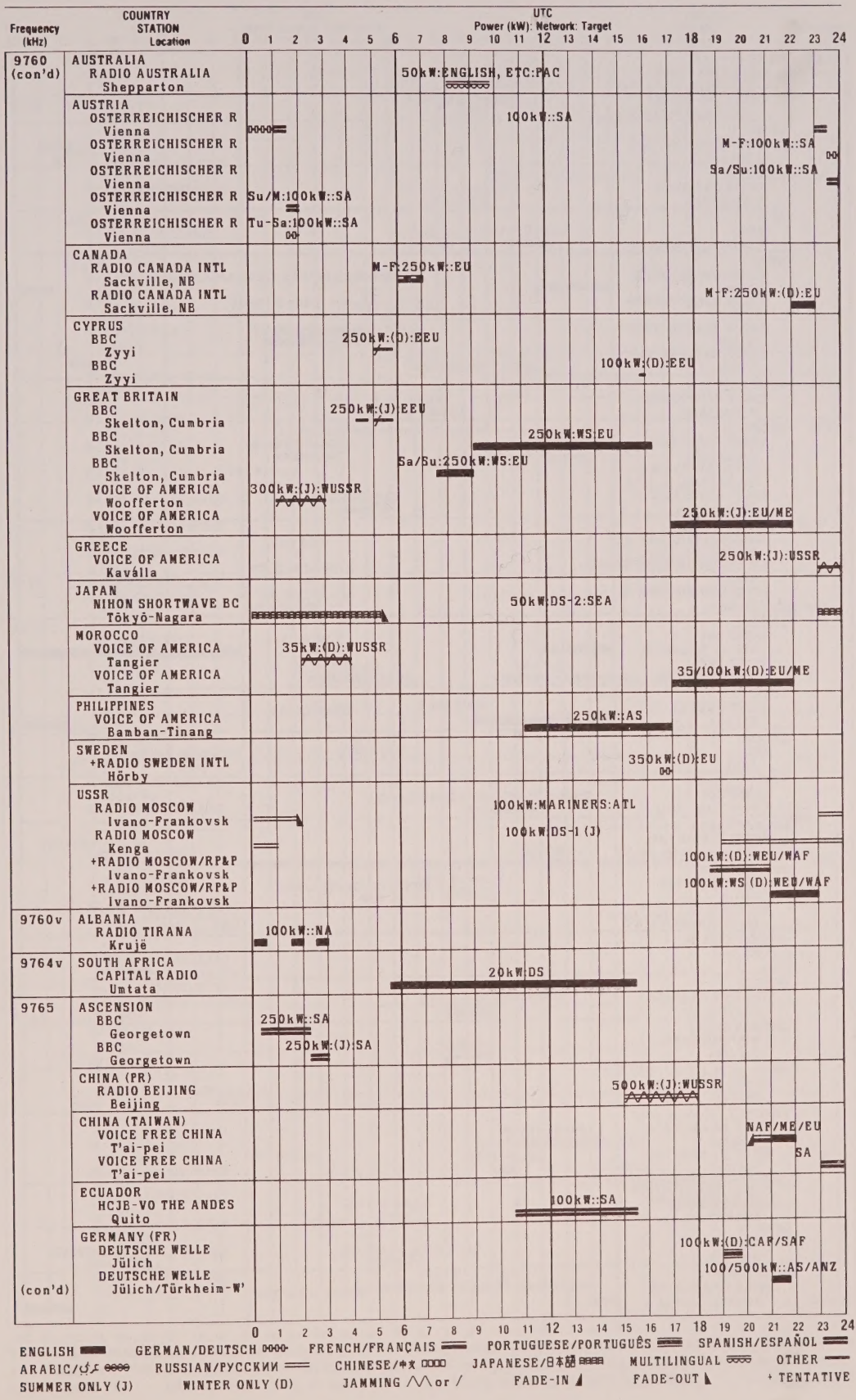
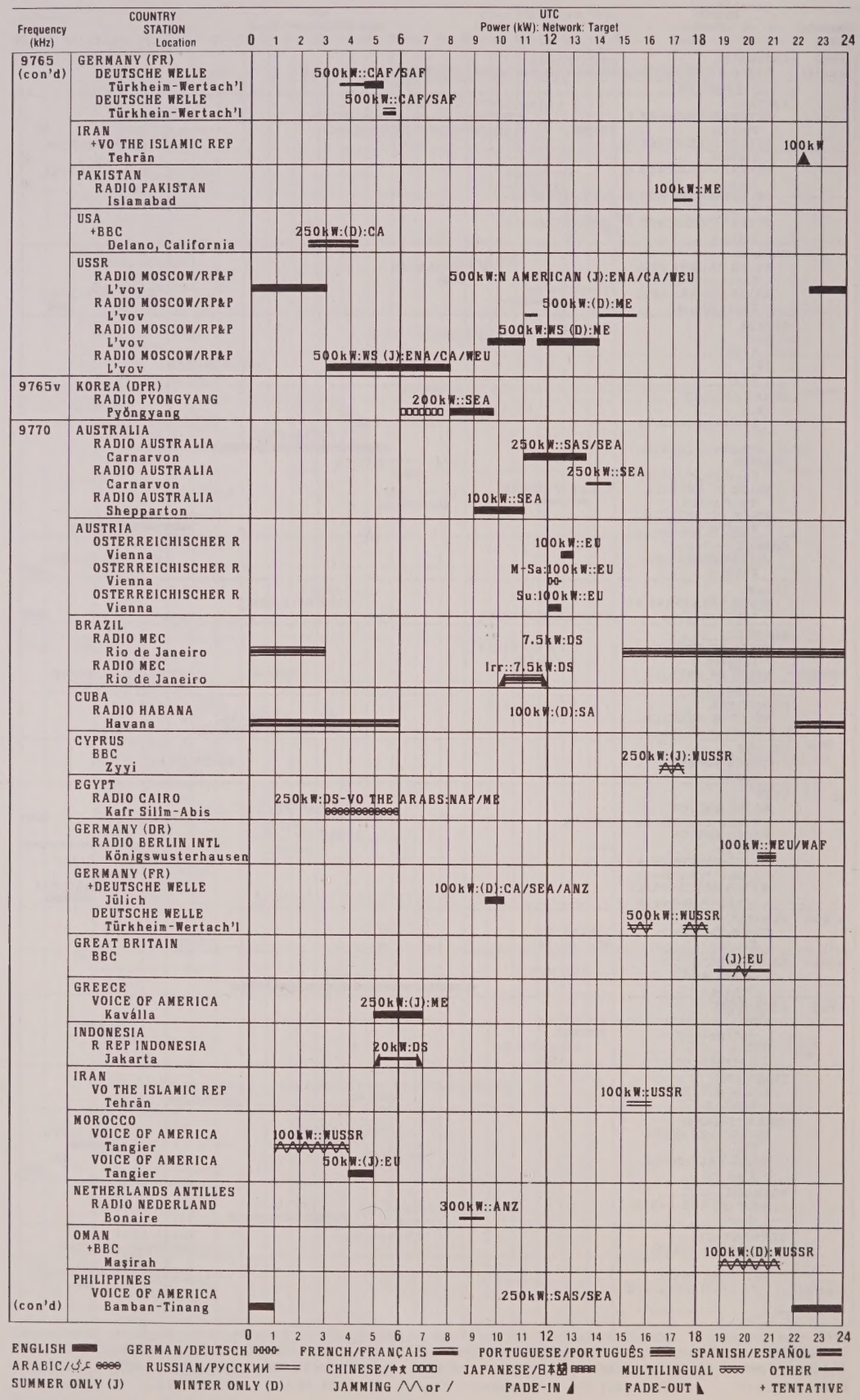
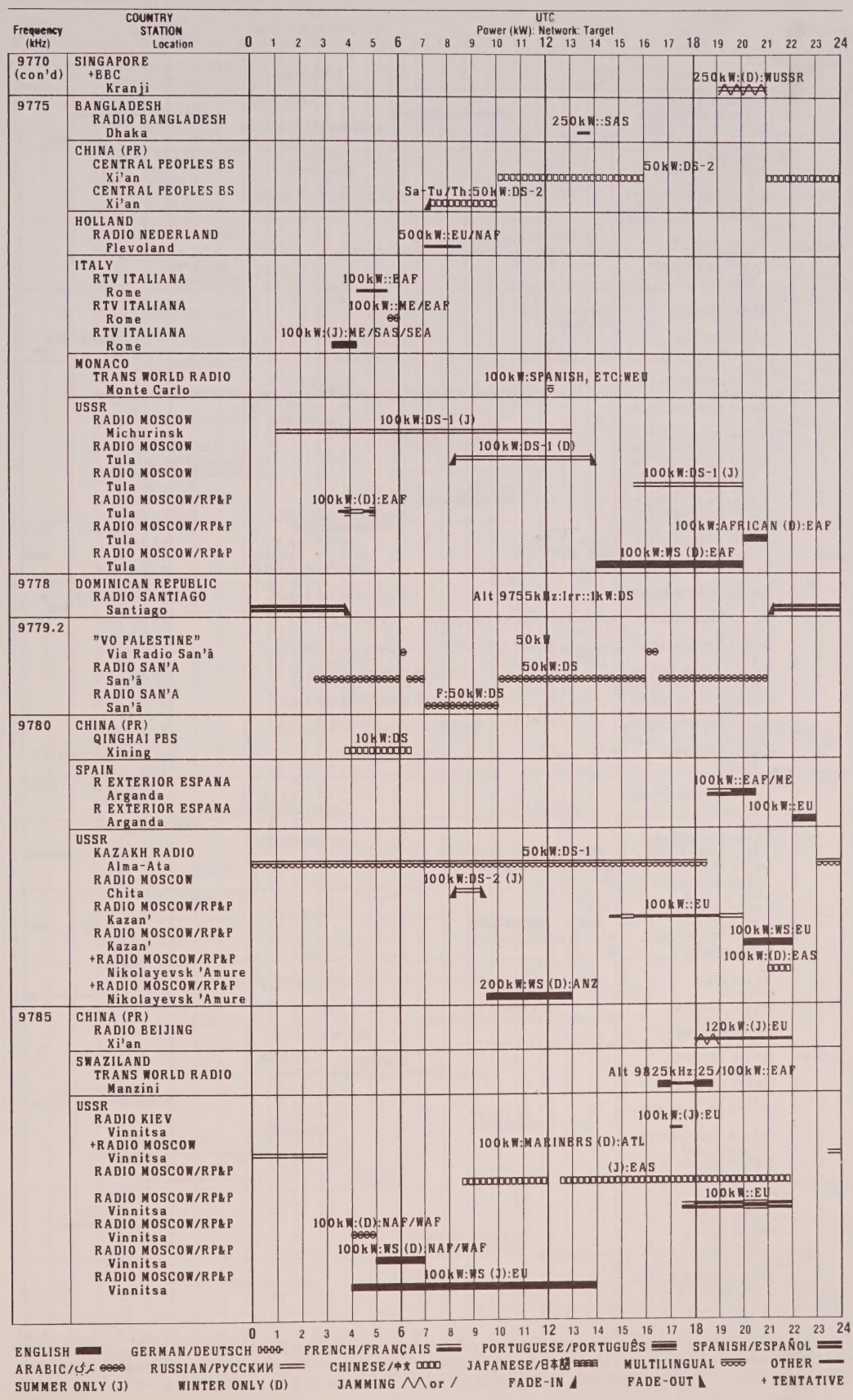

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9734.5
PARAGUAY
RADIO NACIONAL Asunción
40/100kW:DS:SA/CA/ENA
RADIO NACIONAL Asunción
Irr:Su:40/100kW:DS:SA
9735
ANTIGUA
DEUTSCHE WELLE St John's
250kW::SA
DEUTSCHE WELLE St John's
250kW:(J):SEA/ANZ
BRAZIL
R CLUBE PARANAENSE Curitiba
Irr::7.5kW:DS
R CLUBE PARANAENSE Curitiba
7.5kW:DS
GERMANY (FR)
DEUTSCHE WELLE Jülich/Türkheim w'
100/500kW::NA/CA/ANZ
DEUTSCHE WELLE Jülich/Türkheim w'
100/500kW::NA/CAF/SAF
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::CA/SA
DEUTSCHE WELLE Türkheim-Wertach'l
500kW:(D):SEA/ANZ
VOICE OF AMERICA Ismaning
100kW::WUSSR
GREAT BRITAIN
VOICE OF AMERICA Woofferton
250kW::EU/ME
OMAN
+RADIO OMAN Sib
100kW:DS:ME
RWANDA
DEUTSCHE WELLE Kigali
250kW::AF
DEUTSCHE WELLE Kigali
250kW::CAF/SAF
USSR
RADIO MOSCOW/RP&P Armavir
100kW:MARINERS (J):WAF/ATL
RADIO MOSCOW/RP&P Irkutsk
500kW:(J):EAS/SEA
RADIO MOSCOW/RP&P Novosibirsk
100kW::EAS
9740
BULGARIA
RADIO SOFIA Rebrovo-Sofia
250kW:(D):ME/NAF/EAF
CUBA
RADIO HABANA Havana
100kW:(J):CA
CYPRUS
BBC Zyyi
Su:100kW::ME
CZECHOSLOVAKIA
RADIO PRAGUE Prague
120kW::CA
RADIO PRAGUE Prague
120kW::SA
DENMARK
DANMARKS RADIO Copenhagen
M-F 50kW:DS (J):ATL
EGYPT
RADIO CAIRO Kafr Silim-Abis
250kW::CA/SA
GREAT BRITAIN
BBC
(J):WUSSR
GREECE
VOICE OF AMERICA Kaválla
250kW::ME/SAS
VOICE OF AMERICA Kaválla
250kW:(D):ME/SAS
PHILIPPINES
RADIO VERITAS ASIA Malolos
100kW::SEA
PORTUGAL
RADIO PORTUGUESA Lisbon-São Gabriel
M-F:100kW::EU
RADIO PORTUGUESA Lisbon-São Gabriel
Sa/Su:100kW::EU
RADIO PORTUGUESA Lisbon-São Gabriel
100kW:(D):EU
RADIO PORTUGUESA Lisbon-São Gabriel
M-F:100kW:(D):EU
RADIO PORTUGUESA Lisbon-São Gabriel
Sa/Su:100kW:(D):EU
SINGAPORE
BBC Kranji
(con'd)
250kW:WS:AS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

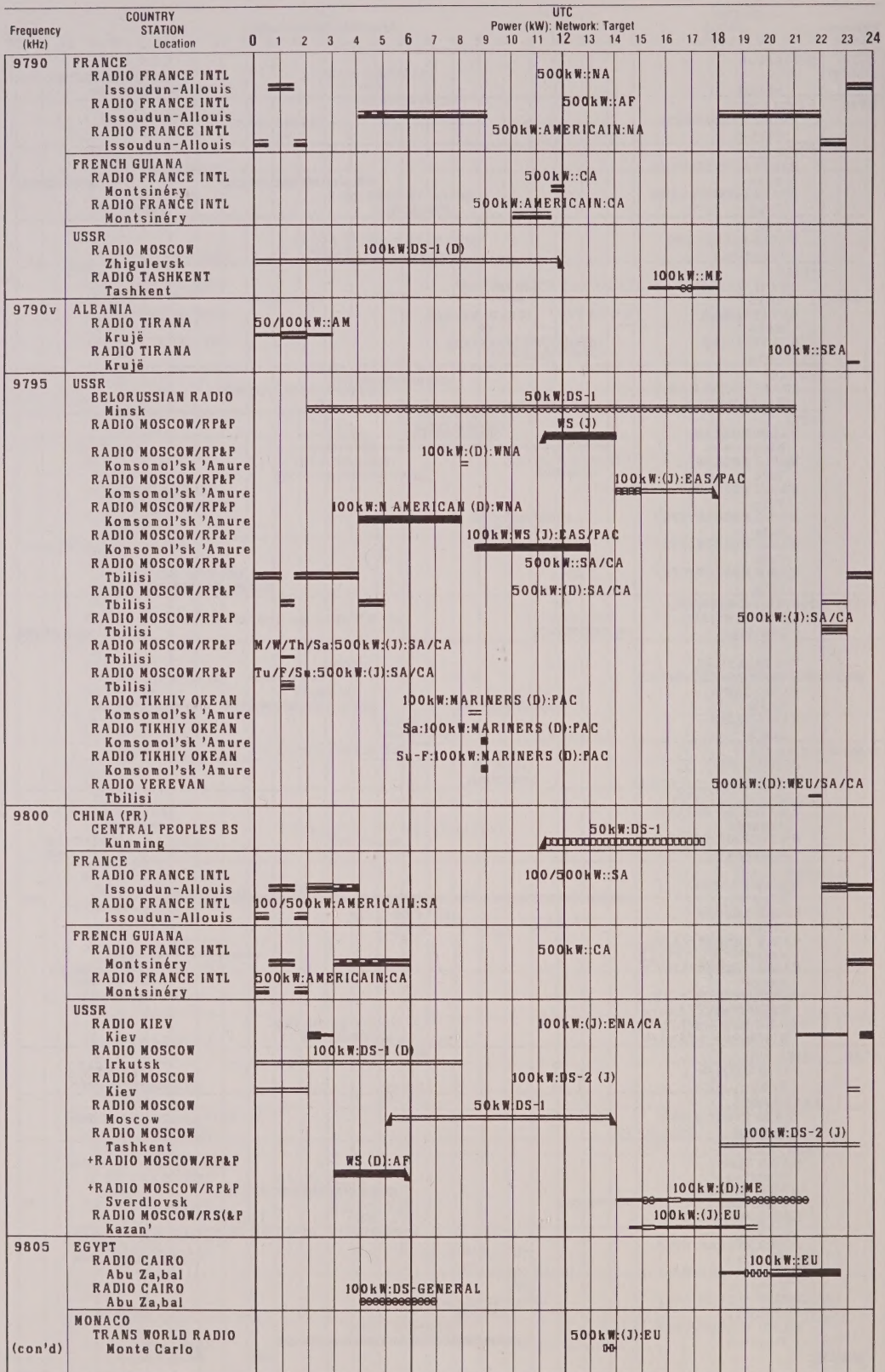

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9740 (con'd)
SINGAPORE
BBC
Kranji
250kW:WS (J):SAS
USSR
RADIO MOSCOW
Moscow
240kW:DS-1 (J)
RADIO MOSCOW/RP&P
Moscow
240kW:(J):EU
9745
BRAZIL
RADIO CULTURA
São Paulo
7.5kW:DS
BULGARIA
RADIO SOFIA
(J):EU
RADIO SOFIA
M-Sa::(J):EU
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
HCJB-VO THE ANDES
Quito
100kW::NA/CA
HCJB-VO THE ANDES
Quito
100kW::ANZ
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EEU/WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW:(J):ME
IRAQ
RADIO BAGHDAD
Baghdad-Abu Ghraib
250kW:DS/ES:EU
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW:(J):EAS
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::CA/SA
SWEDEN
+RADIO SWEDEN INTL
Hörby
350kW:(D):EAS
USSR
+RADIO MOSCOW/RP&P
Moscow
240kW:(D):WAF
+RADIO MOSCOW/RP&P
Moscow
240kW:(D):SAS
+RADIO MOSCOW/RP&P
Moscow
240kW:(J):CA
+RADIO MOSCOW/RP&P
Moscow
240kW:AFRICAN (D):WAF
+RADIO MOSCOW/RP&P
Moscow
240kW:WS (D):WAF
9746v
CAMEROON
R NAT DU CAMEROUN
Yaoundé
100kW:DS-FRENCH,ENG,ETC:AF
9748v
INDONESIA
R REP INDONESIA
Sorong
Irr:::DS
SOCIETY ISLANDS
RFO-TAHITI
Papeete
Alternative Frequency to 9687vkHz
9749v
TANZANIA
RADIO TANZANIA
Dar es Salaam
Alternative Frequency to 9684vkHz
9750
CHILE
RADIO MINERIA
Santiago
10kW:DS
CHINA (PR)
NEI MONGGOL PBS
Hohhot
50kW:DS-CHINESE
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::MB
RFE-RL
Biblis
100kW::WUSSR
RFE-RL
Lampertheim
100kW::WUSSR
GREAT BRITAIN
+BBC
Daventry
100kW:(D):EEU/WUSSR
+BBC
Daventry
100kW:(D):WUSSR
+BBC
Daventry
100kW:(J):EEU
BBC
Skelton, Cumbria
250kW:(D):EU
BBC
Skelton, Cumbria
250kW:(J):EEU/WUSSR
(con'd)
BBC
250kW:(J):EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

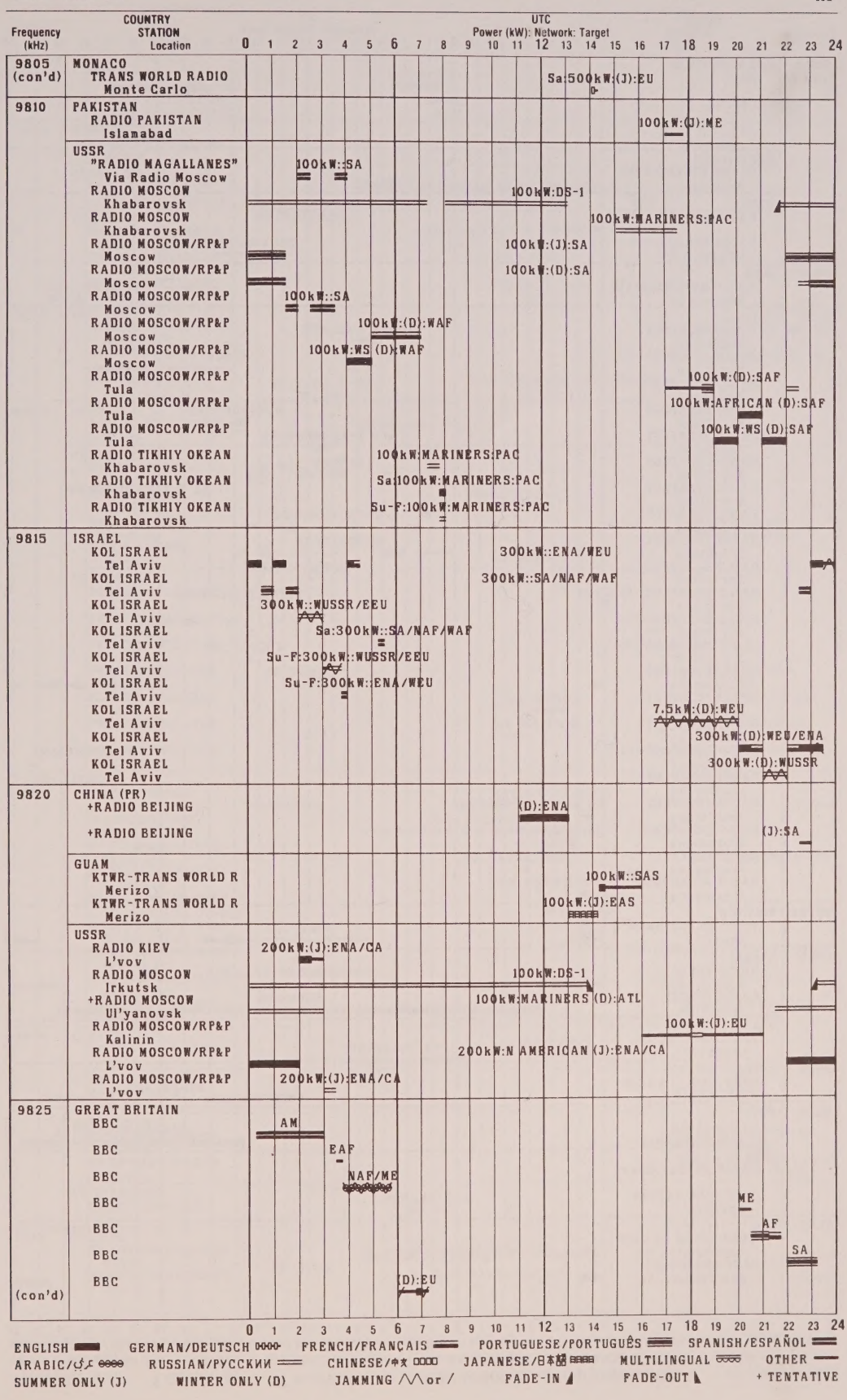

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9750 (con'd)
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW:WS:EU
INDIA
ALL INDIA RADIO
Madras
100kW:DS-VIVIDH BHARATI
ALL INDIA RADIO
Madras
Su:100kW:DS-VIVIDH BHARATI
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
400kW::NA
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
250kW::AM
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW::ME
RADIO KUWAIT
Jadādiyah
250kW:DS:ME
LIBERIA
VOICE OF AMERICA
Monrovia
M-F:50kW:FEED-FR, ENG, ETC:WAF
MALAYSIA
VOICE OF MALAYSIA
Kajang
100kW::SEA/ANZ
ROMANIA
RADIO BUCHAREST
Bucharest
250kW:(J):AF
RADIO BUCHAREST
Bucharest
250kW:(J):EU
USSR
+RADIO MOSCOW/RP&P
L'vov
500kW:WS (D)
RADIO MOSCOW/RP&P
Tashkent
100kW:(J):ME
RADIO MOSCOW/RP&P
Tashkent
100kW:WS (J):ME
9750v
ALBANIA
RADIO TIRANA
Krujë
100kW::CA
RADIO TIRANA
Krujë
100kW::WUSSR
9755
BULGARIA
+RADIO SOFIA
Rebrovo-Sofia
250kW:(D):SA
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::ENA/CA
RADIO CANADA INTL
Sackville, NB
250kW::CA/SA
RADIO CANADA INTL
Sackville, NB
Sa:250kW::ENA/CA
RADIO CANADA INTL
Sackville, NB
Su-F:250kW::ENA/CA
RADIO CANADA INTL
Sackville, NB
Su/M:250kW::ENA/CA
RADIO CANADA INTL
Sackville, NB
Tu-Sa:250kW::ENA/CA
DOMINICAN REPUBLIC
RADIO SANTIAGO
Santiago
Alternative Frequency to 9778kHz
EGYPT
RADIO CAIRO
Cairo-Mokattam
100kW
INDIA
ALL INDIA RADIO
Delhi
100kW::SEA
ALL INDIA RADIO
Delhi
100kW::WAF
TURKEY
TURKISH RTV CORP
Ankara
250kW:(J):EU
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
Alt 9852.5kHz:50kW:PROPOSED:CA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::WUSSR
VATICAN RADIO
Sta Maria Galeria
100kW::EU
VATICAN RADIO
Sta Maria Galeria
100kW::EU/WUSSR
VATICAN RADIO
Sta Maria Galeria
Su:100kW::EU
VATICAN RADIO
Sta Maria Galeria
Th:100kW::EU
9760 (con'd)
AUSTRALIA
RADIO AUSTRALIA
Shepparton
50kW::PAC
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

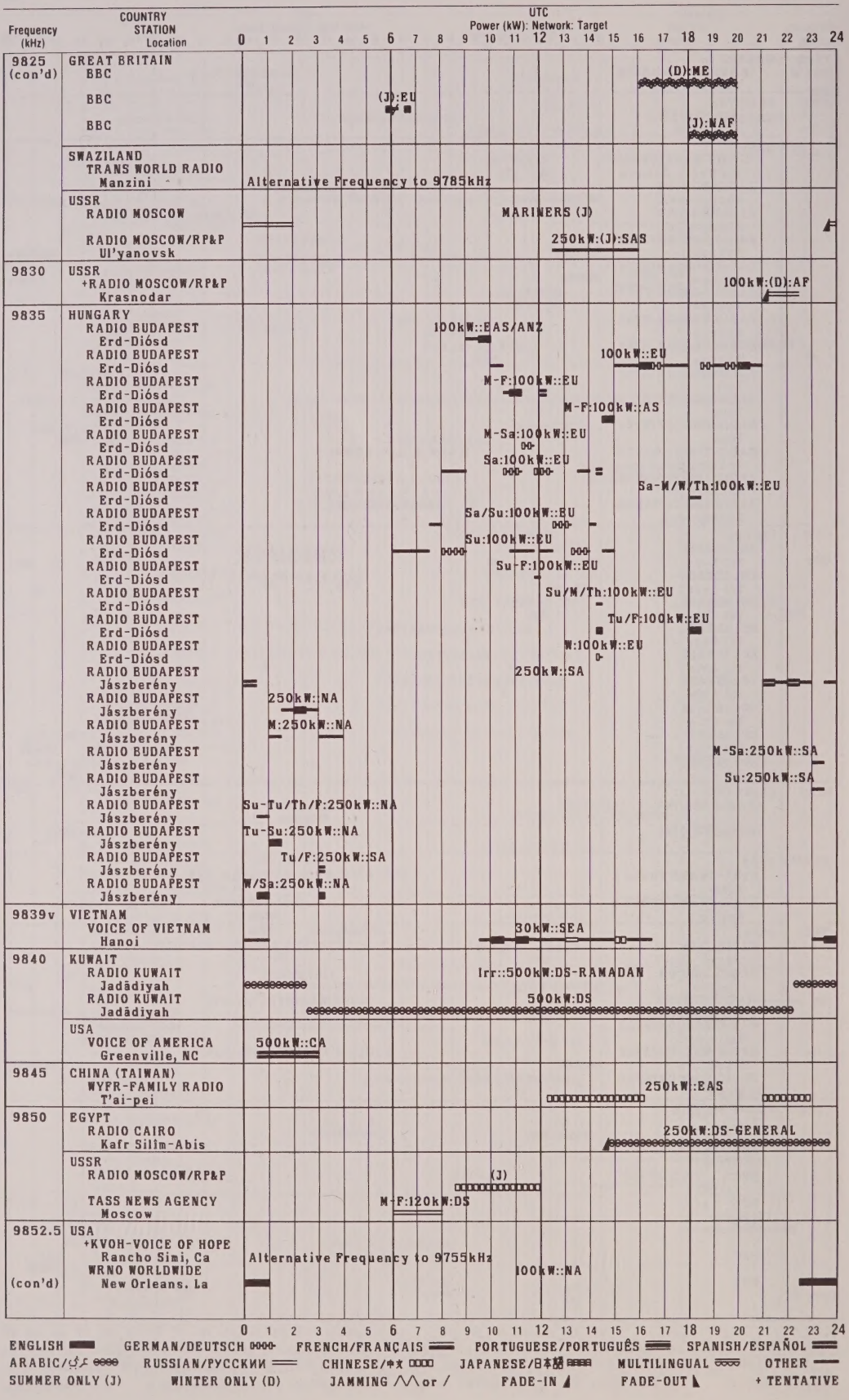

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9760 (con'd)
AUSTRALIA
RADIO AUSTRALIA
Shepparton
50kW:ENGLISH, ETC:PAC
AUSTRIA
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
100kW::SA
M-F:100kW::SA
Sa/Su:100kW::SA
Su/M:100kW::SA
Tu-Sa:100kW::SA
CANADA
RADIO CANADA INTL
Sackville, NB
RADIO CANADA INTL
Sackville, NB
M-F:250kW::EU
M-F:250kW:(D):EU
CYPRUS
BBC
Zyyi
BBC
Zyyi
250kW:(D):EEU
100kW:(D):EEU
GREAT BRITAIN
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
VOICE OF AMERICA
Woofferton
VOICE OF AMERICA
Woofferton
250kW:(J):EEU
250kW:WS:EU
Sa/Su:250kW:WS:EU
300kW:(J):WUSSR
250kW:(J):EU/ME
GREECE
VOICE OF AMERICA
Kaválla
250kW:(J):USSR
JAPAN
NIHON SHORTWAVE BC
Tōkyō-Nagara
50kW:DS-2:SEA
MOROCCO
VOICE OF AMERICA
Tangier
VOICE OF AMERICA
Tangier
35kW:(D):WUSSR
35/100kW:(D):EU/ME
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::AS
SWEDEN
+RADIO SWEDEN INTL
Hörby
350kW:(D):EU
USSR
RADIO MOSCOW
Ivano-Frankovsk
RADIO MOSCOW
Kenga
+RADIO MOSCOW/RP&P
Ivano-Frankovsk
+RADIO MOSCOW/RP&P
Ivano-Frankovsk
100kW:MARINERS:ATL
100kW:DS-1 (J)
100kW:(D):WEU/WAF
100kW:WS (D):WEU/WAF
9760v
ALBANIA
RADIO TIRANA
Krujë
100kW::NA
9764v
SOUTH AFRICA
CAPITAL RADIO
Umtata
20kW:DS
9765
ASCENSION
BBC
Georgetown
BBC
Georgetown
250kW::SA
250kW:(J):SA
CHINA (PR)
RADIO BEIJING
Beijing
500kW:(J):WUSSR
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
VOICE FREE CHINA
T'ai-pei
NAF/ME/EU
SA
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich/Türkheim-W'
(con'd)
100kW:(D):CAR/SAF
100/500kW::AS/ANZ
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

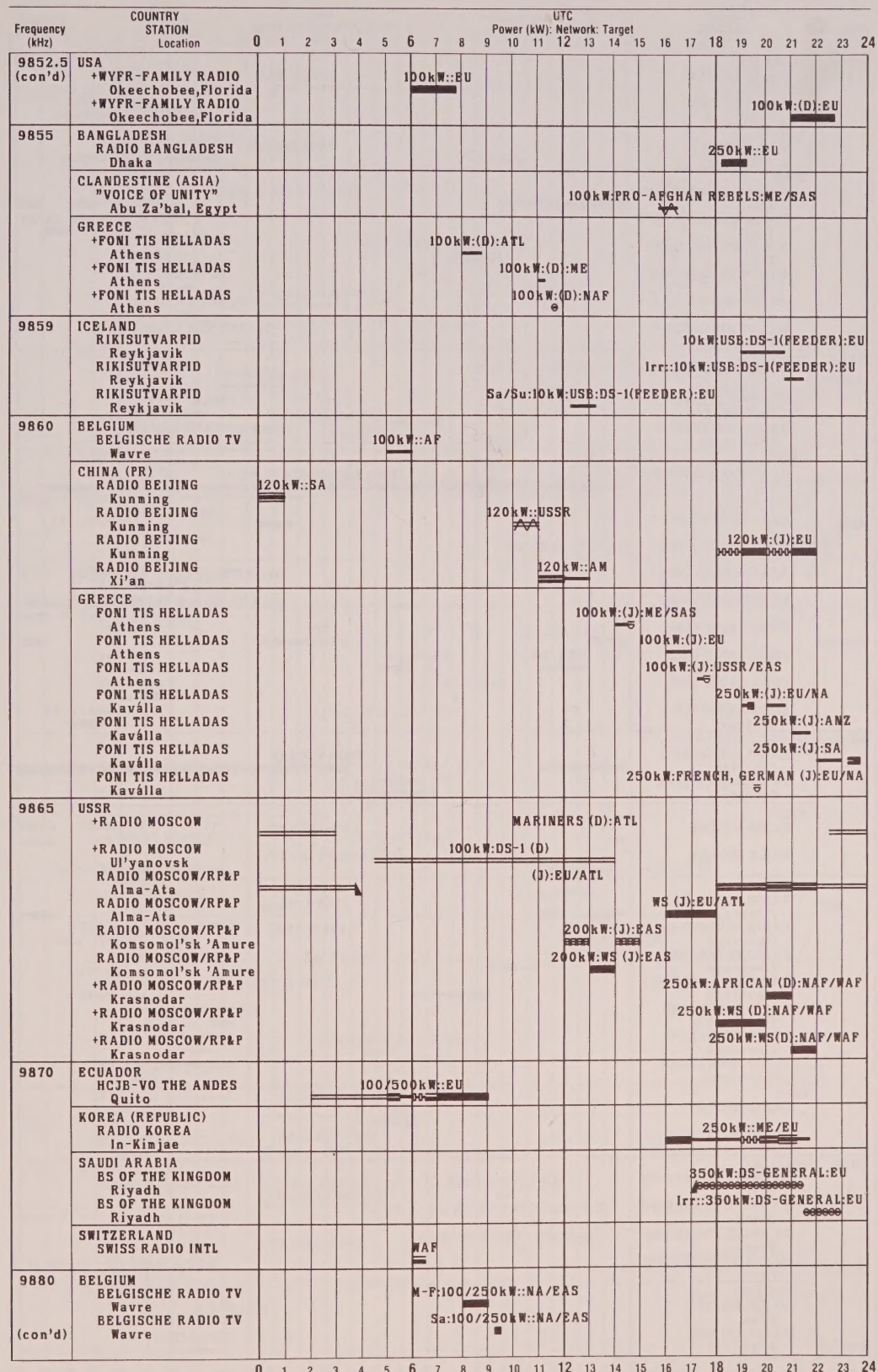

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9765 (con'd)
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::CAF/SAF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::CAF/SAF
IRAN
+VO THE ISLAMIC REP
Tehrān
100kW
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::ME
USA
+BBC
Delano, California
250kW:(D):CA
USSR
RADIO MOSCOW/RP&P
L'vov
500kW:N AMERICAN (J):ENA/CA/WEU
RADIO MOSCOW/RP&P
L'vov
500kW:(D):ME
RADIO MOSCOW/RP&P
L'vov
500kW:WS (D):ME
RADIO MOSCOW/RP&P
L'vov
500kW:WS (J):ENA/CA/WEU
9765v
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::SEA
9770
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
250kW::SAS/SEA
RADIO AUSTRALIA
Carnarvon
250kW::SEA
RADIO AUSTRALIA
Shepparton
100kW::SEA
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::EU
OSTERREICHISCHER R
Vienna
M+Sa:100kW::EU
OSTERREICHISCHER R
Vienna
Su:100kW::EU
BRAZIL
RADIO MEC
Rio de Janeiro
7.5kW:DS
RADIO MEC
Rio de Janeiro
Irr::7.5kW:DS
CUBA
RADIO HABANA
Havana
100kW:(D):SA
CYPRUS
BBC
Zyyi
250kW:(J):WUSSR
EGYPT
RADIO CAIRO
Kafr Silim-Abis
250kW:DS-VO THE ARABS:NAF/ME
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::WEU/WAF
GERMANY (FR)
+DEUTSCHE WELLE
Jülich
100kW:(D):CA/SEA/ANZ
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
GREAT BRITAIN
BBC
(J):EU
GREECE
VOICE OF AMERICA
Kaválla
250kW:(J):ME
INDONESIA
R REP INDONESIA
Jakarta
20kW:DS
IRAN
VO THE ISLAMIC REP
Tehrān
100kW::USSR
MOROCCO
VOICE OF AMERICA
Tangier
100kW::WUSSR
VOICE OF AMERICA
Tangier
50kW:(J):EU
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::ANZ
OMAN
+BBC
Maşirah
100kW:(D):WUSSR
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS/SEA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

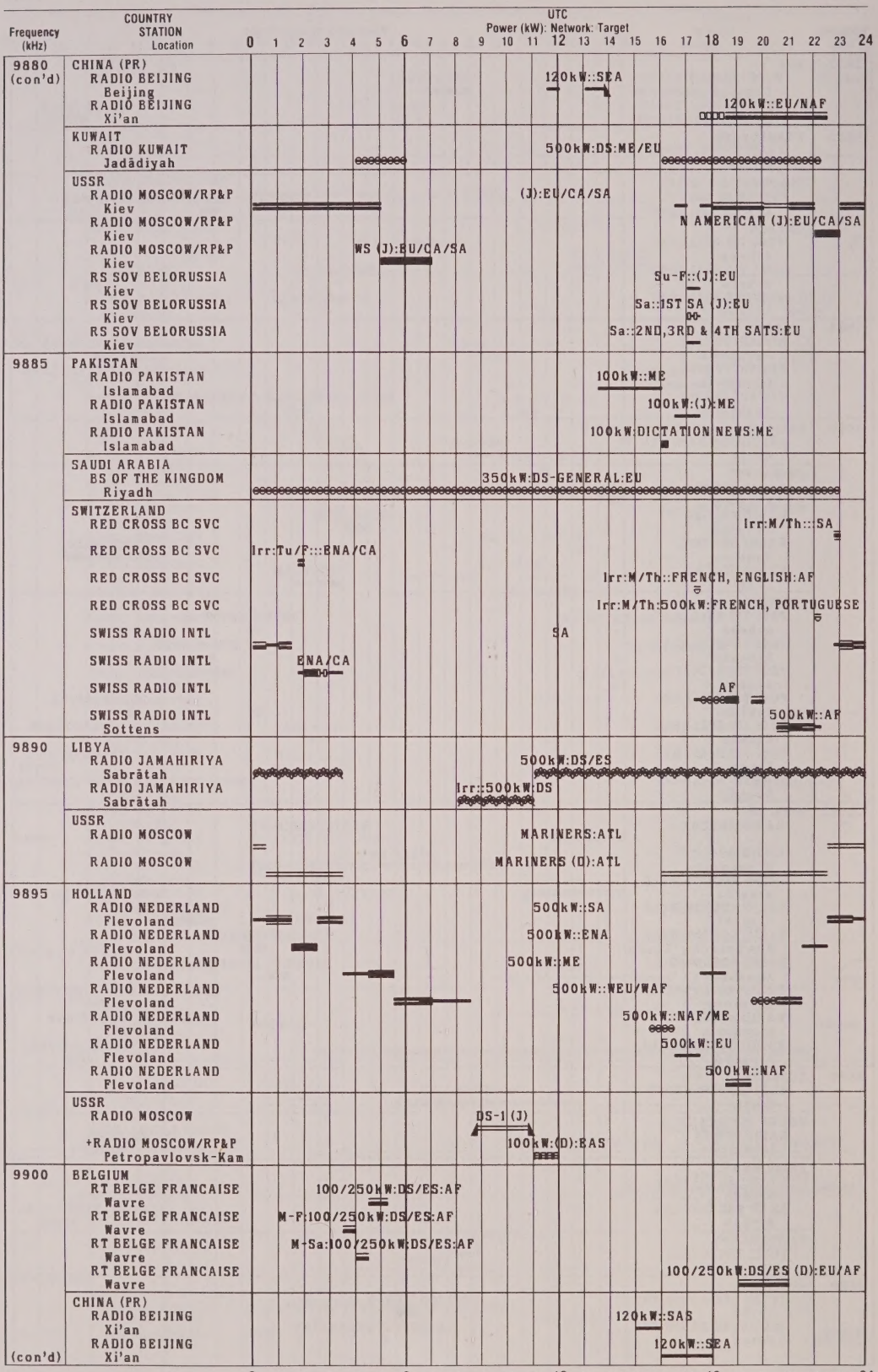

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9770 (con'd)
SINGAPORE +BBC Kranji
250kW:(D):WUSSR
9775
BANGLADESH RADIO BANGLADESH Dhaka
250kW::SAS
CHINA (PR) CENTRAL PEOPLES BS Xi'an
50kW:DS-2
CENTRAL PEOPLES BS Xi'an
Sa-Tu/Th:50kW:DS-2
HOLLAND RADIO NEDERLAND Flevoland
500kW::EU/NAF
ITALY RTV ITALIANA Rome
100kW::EAF
RTV ITALIANA Rome
100kW::ME/EAF
RTV ITALIANA Rome
100kW:(J):ME/SAS/SEA
MONACO TRANS WORLD RADIO Monte Carlo
100kW:SPANISH, ETC:WEU
USSR RADIO MOSCOW Michurinsk
100kW:DS-1 (J)
RADIO MOSCOW Tula
100kW:DS-1 (D)
RADIO MOSCOW Tula
100kW:DS-1 (J)
RADIO MOSCOW/RP&P Tula
100kW:(D):EAF
RADIO MOSCOW/RP&P Tula
100kW:AFRICAN (D):EAF
RADIO MOSCOW/RP&P Tula
100kW:WS (D):EAF
9778
DOMINICAN REPUBLIC RADIO SANTIAGO Santiago
Alt 9755kHz:Irr::1kW:DS
9779.2
"VO PALESTINE" Via Radio San'ā
50kW
RADIO SAN'A San'ā
50kW:DS
RADIO SAN'A San'ā
F:50kW:DS
9780
CHINA (PR) QINGHAI PBS Xining
10kW:DS
SPAIN R EXTERIOR ESPANA Arganda
100kW::EAF/ME
R EXTERIOR ESPANA Arganda
100kW::EU
USSR KAZAKH RADIO Alma-Ata
50kW:DS-1
RADIO MOSCOW Chita
100kW:DS-2 (J)
RADIO MOSCOW/RP&P Kazan'
100kW::EU
RADIO MOSCOW/RP&P Kazan'
100kW:WS:EU
+RADIO MOSCOW/RP&P Nikolayevsk 'Amure
100kW:(D):EAS
+RADIO MOSCOW/RP&P Nikolayevsk 'Amure
200kW:WS (D):ANZ
9785
CHINA (PR) RADIO BEIJING Xi'an
120kW:(J):EU
SWAZILAND TRANS WORLD RADIO Manzini
Alt 9825kHz:25/100kW::EAF
USSR RADIO KIEV Vinnitsa
100kW:(J):EU
+RADIO MOSCOW Vinnitsa
100kW:MARINERS (D):ATL
RADIO MOSCOW/RP&P
(J):EAS
RADIO MOSCOW/RP&P Vinnitsa
100kW::EU
RADIO MOSCOW/RP&P Vinnitsa
100kW:(D):NAF/WAF
RADIO MOSCOW/RP&P Vinnitsa
100kW:WS (D):NAF/WAF
RADIO MOSCOW/RP&P Vinnitsa
100kW:WS (J):EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

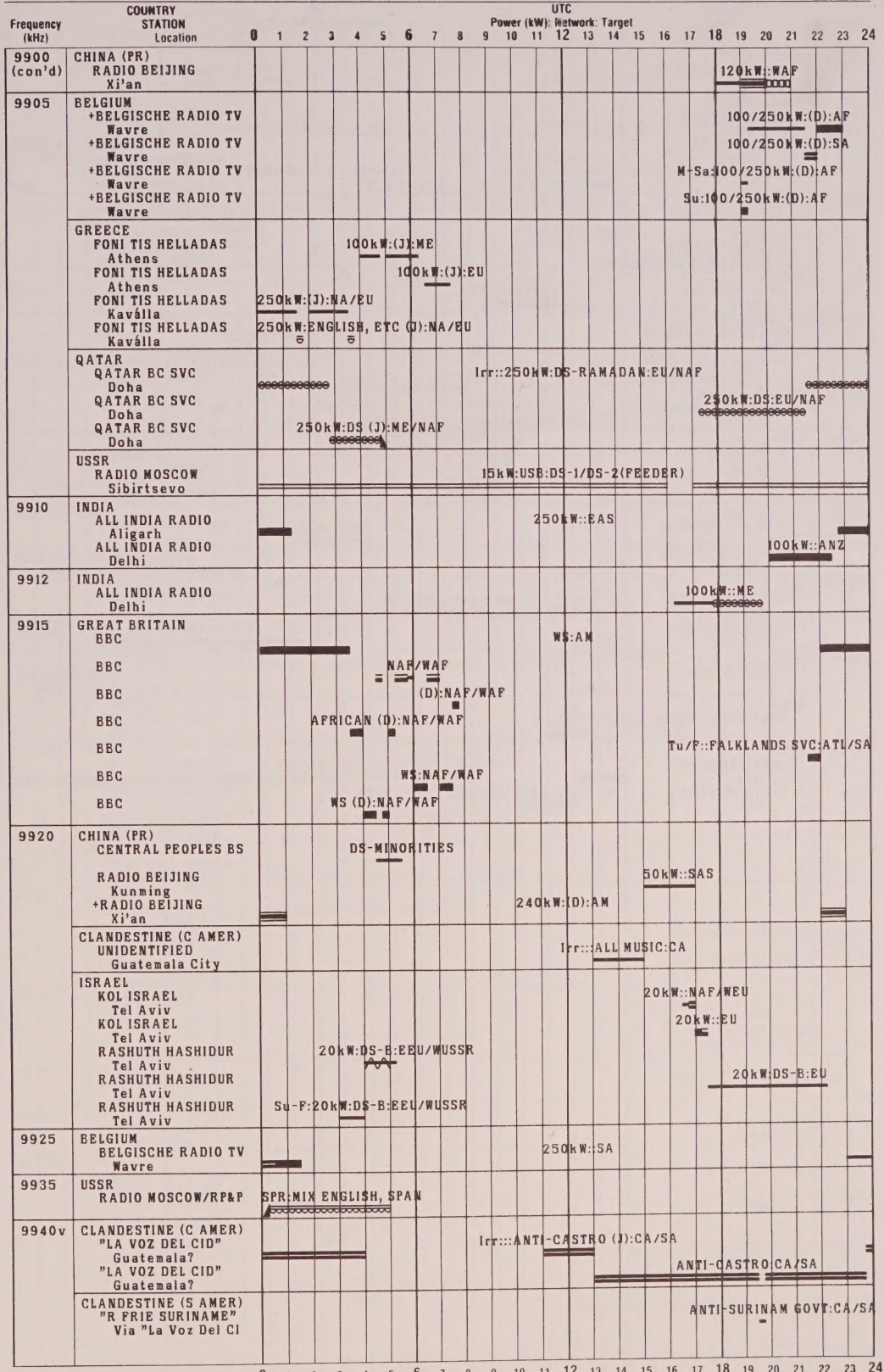

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9790
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::NA
RADIO FRANCE INTL
Issoudun-Allouis
500kW::AF
RADIO FRANCE INTL
Issoudun-Allouis
500kW:AMERICAIN:NA
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
USSR
RADIO MOSCOW
Zhigulevsk
100kW:DS-1 (D)
RADIO TASHKENT
Tashkent
100kW::ME
9790v
ALBANIA
RADIO TIRANA
Krujë
50/100kW::AM
RADIO TIRANA
Krujë
100kW::SEA
9795
USSR
BELORUSSIAN RADIO
Minsk
50kW:DS-1
RADIO MOSCOW/RP&P
WS (J)
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:(D):WNA
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:(J):EAS/PAC
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:N AMERICAN (D):WNA
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW:WS (J):EAS/PAC
RADIO MOSCOW/RP&P
Tbilisi
500kW::SA/CA
RADIO MOSCOW/RP&P
Tbilisi
500kW:(D):SA/CA
RADIO MOSCOW/RP&P
Tbilisi
500kW:(J):SA/CA
RADIO MOSCOW/RP&P
Tbilisi
M/W/Th/Sa:500kW:(J):SA/CA
RADIO MOSCOW/RP&P
Tbilisi
Tu/F/Su:500kW:(J):SA/CA
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
100kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
Sa:100kW:MARINERS (D):PAC
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
Su-F:100kW:MARINERS (D):PAC
RADIO YEREVAN
Tbilisi
500kW:(D):WEU/SA/CA
9800
CHINA (PR)
CENTRAL PEOPLES BS
Kunming
50kW:DS-1
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::SA
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW:AMERICAIN:SA
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
USSR
RADIO KIEV
Kiev
100kW:(J):ENA/CA
RADIO MOSCOW
Irkutsk
100kW:DS-1 (D)
RADIO MOSCOW
Kiev
100kW:DS-2 (J)
RADIO MOSCOW
Moscow
50kW:DS-1
RADIO MOSCOW
Tashkent
100kW:DS-2 (J)
+RADIO MOSCOW/RP&P
WS (D):AF
+RADIO MOSCOW/RP&P
Sverdlovsk
100kW:(D):ME
RADIO MOSCOW/RS(&P
Kazan'
100kW:(J):EU
9805
EGYPT
RADIO CAIRO
Abu Za,bal
100kW::EU
RADIO CAIRO
Abu Za,bal
100kW:DS-GENERAL
(con'd)
MONACO
TRANS WORLD RADIO
Monte Carlo
500kW:(J):EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

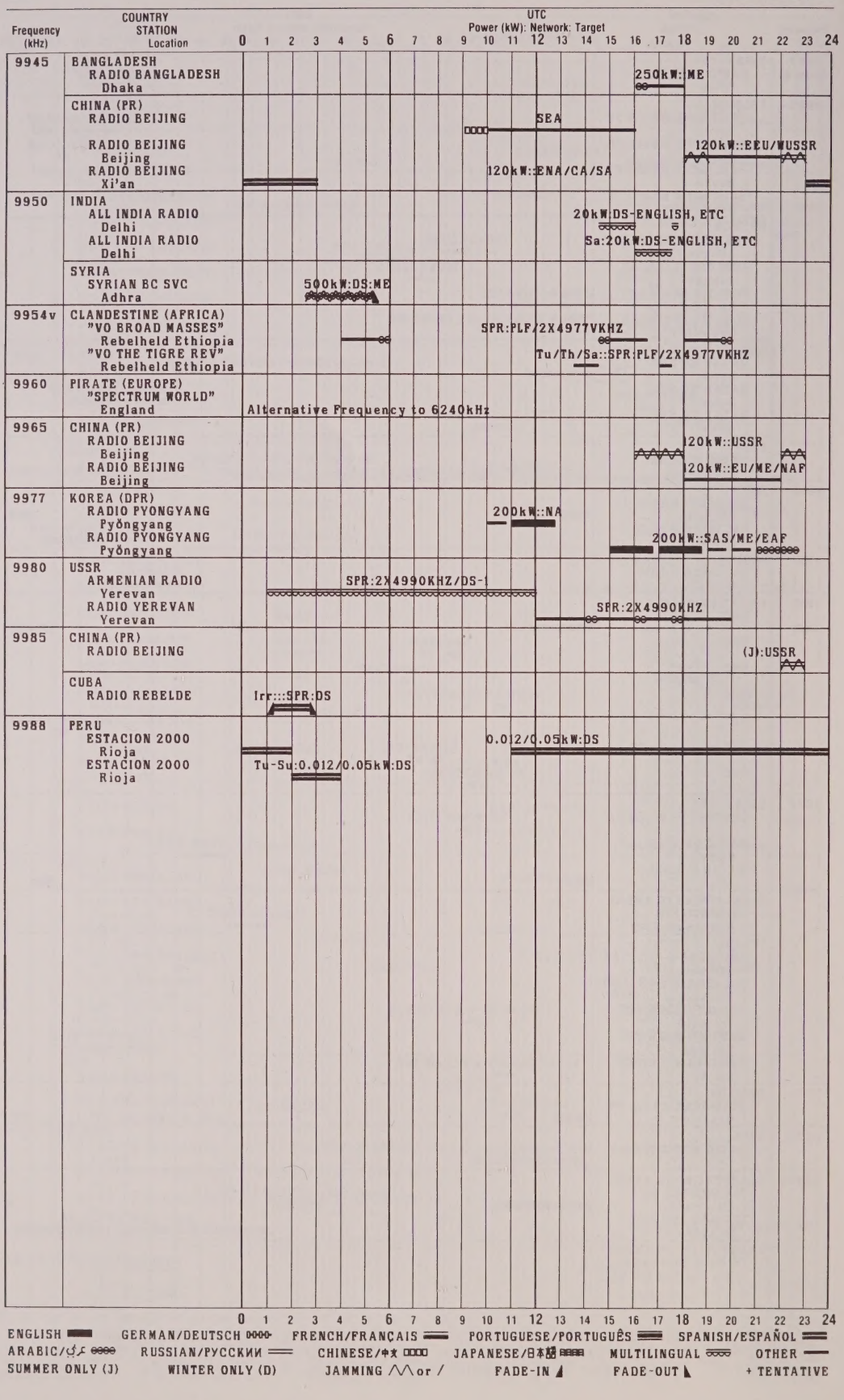

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9805 (con'd)
MONACO
TRANS WORLD RADIO
Monte Carlo
Sa:500kW:(J):EU
9810
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW:(J):ME
USSR
"RADIO MAGALLANES"
Via Radio Moscow
100kW::SA
RADIO MOSCOW
Khabarovsk
100kW:DS-1
RADIO MOSCOW
Khabarovsk
100kW:MARINERS:PAC
RADIO MOSCOW/RP&P
Moscow
100kW:(J):SA
RADIO MOSCOW/RP&P
Moscow
100kW:(D):SA
RADIO MOSCOW/RP&P
Moscow
100kW::SA
RADIO MOSCOW/RP&P
Moscow
100kW:(D):WAF
RADIO MOSCOW/RP&P
Moscow
100kW:WS (D):WAF
RADIO MOSCOW/RP&P
Tula
100kW:(D):SAF
RADIO MOSCOW/RP&P
Tula
100kW:AFRICAN (D):SAF
RADIO MOSCOW/RP&P
Tula
100kW:WS (D):SAF
RADIO TIKHIY OKEAN
Khabarovsk
100kW:MARINERS:PAC
RADIO TIKHIY OKEAN
Khabarovsk
Sa:100kW:MARINERS:PAC
RADIO TIKHIY OKEAN
Khabarovsk
Su-F:100kW:MARINERS:PAC
9815
ISRAEL
KOL ISRAEL
Tel Aviv
300kW::ENA/WEU
KOL ISRAEL
Tel Aviv
300kW::SA/NAF/WAF
KOL ISRAEL
Tel Aviv
300kW::WUSSR/EEU
KOL ISRAEL
Tel Aviv
Sa:300kW::SA/NAF/WAF
KOL ISRAEL
Tel Aviv
Su-F:300kW::WUSSR/EEU
KOL ISRAEL
Tel Aviv
Su-F:300kW::ENA/WEU
KOL ISRAEL
Tel Aviv
7.5kW:(D):WEU
KOL ISRAEL
Tel Aviv
300kW:(D):WEU/ENA
KOL ISRAEL
Tel Aviv
300kW:(D):WUSSR
9820
CHINA (PR)
+RADIO BEIJING
(D):ENA
+RADIO BEIJING
(J):SA
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SAS
KTWR-TRANS WORLD R
Merizo
100kW:(J):EAS
USSR
RADIO KIEV
L'vov
200kW:(J):ENA/CA
RADIO MOSCOW
Irkutsk
100kW:DS-1
+RADIO MOSCOW
Ul'yanovsk
100kW:MARINERS (D):ATL
RADIO MOSCOW/RP&P
Kalinin
100kW:(J):EU
RADIO MOSCOW/RP&P
L'vov
200kW:N AMERICAN (J):ENA/CA
RADIO MOSCOW/RP&P
L'vov
200kW:(J):ENA/CA
9825
GREAT BRITAIN
BBC
AM
BBC
EAF
BBC
NAF/ME
BBC
ME
BBC
AF
BBC
SA
BBC
(D):EU
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

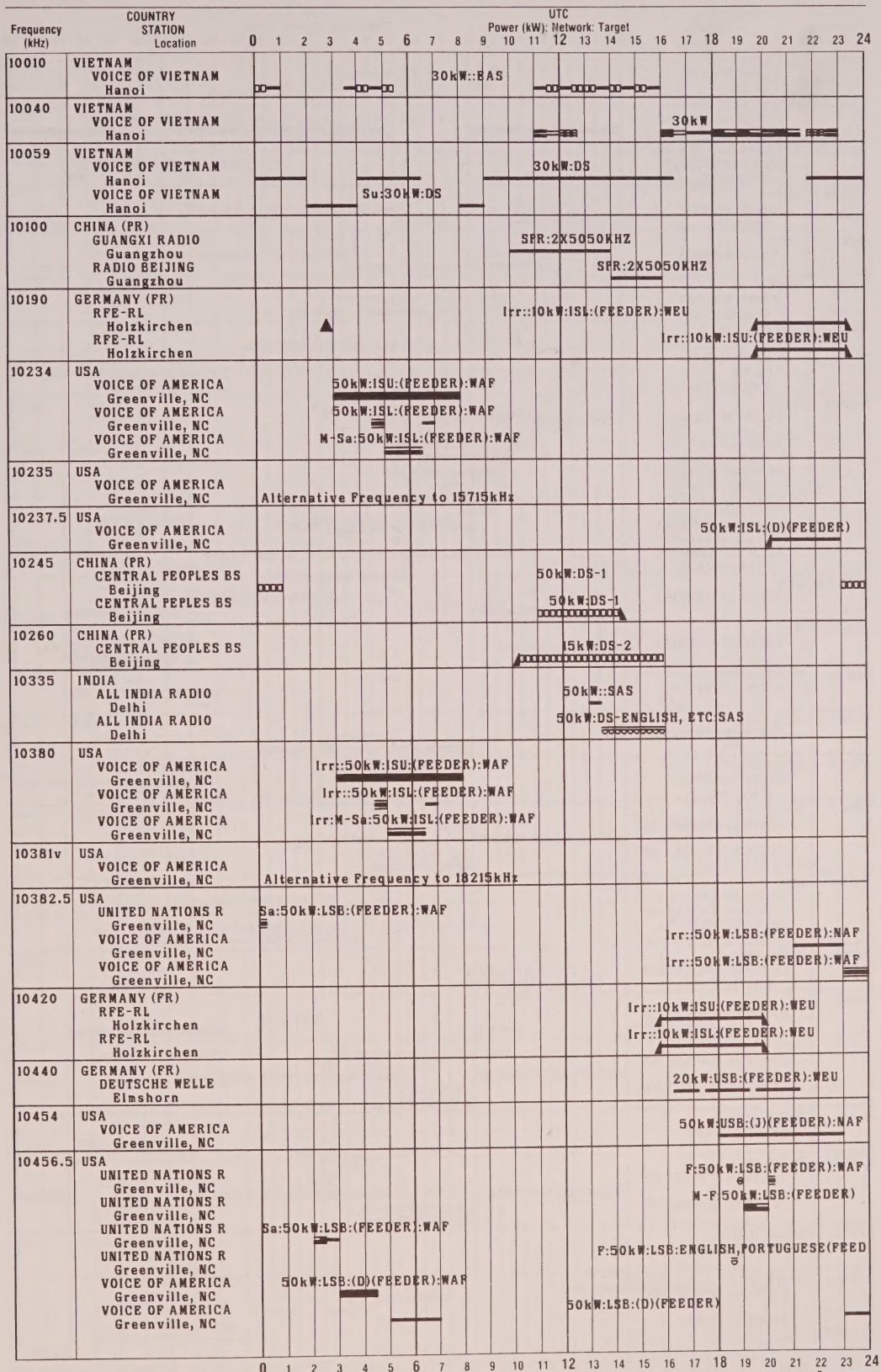

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9825 (con'd)
GREAT BRITAIN
BBC
(D):ME
BBC
(J):EU
BBC
(J):NAF
SWAZILAND
TRANS WORLD RADIO
Manzini
Alternative Frequency to 9785kHz
USSR
RADIO MOSCOW
MARINERS (J)
RADIO MOSCOW/RP&P
Ul'yanovsk
250kW:(J):SAS
9830
USSR
+RADIO MOSCOW/RP&P
Krasnodar
100kW:(D):AF
9835
HUNGARY
RADIO BUDAPEST
Erd-Diósd
100kW::EAS/ANZ
100kW::EU
M-F:100kW::EU
M-F:100kW::AS
M-Sa:100kW::EU
Sa:100kW::EU
Sa-M/W/Th:100kW::EU
Sa/Su:100kW::EU
Su:100kW::EU
Su-F:100kW::EU
Su/M/Th:100kW::EU
Tu/F:100kW::EU
W:100kW::EU
250kW::SA
Jászberény
250kW::NA
M:250kW::NA
M-Sa:250kW::SA
Su:250kW::SA
Su-Tu/Th/F:250kW::NA
Tu-Su:250kW::NA
Tu/F:250kW::SA
W/Sa:250kW::NA
9839v
VIETNAM
VOICE OF VIETNAM
Hanoi
30kW::SEA
9840
KUWAIT
RADIO KUWAIT
Jadādiyah
Irr::500kW:DS-RAMADAN
500kW:DS
USA
VOICE OF AMERICA
Greenville, NC
500kW::CA
9845
CHINA (TAIWAN)
WYFR-FAMILY RADIO
T'ai-pei
250kW::EAS
9850
EGYPT
RADIO CAIRO
Kafr Silīm-Abis
250kW:DS-GENERAL
USSR
RADIO MOSCOW/RP&P
(J)
TASS NEWS AGENCY
Moscow
M-F:120kW:DS
9852.5 (con'd)
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
Alternative Frequency to 9755kHz
WRNO WORLDWIDE
New Orleans, La
100kW::NA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

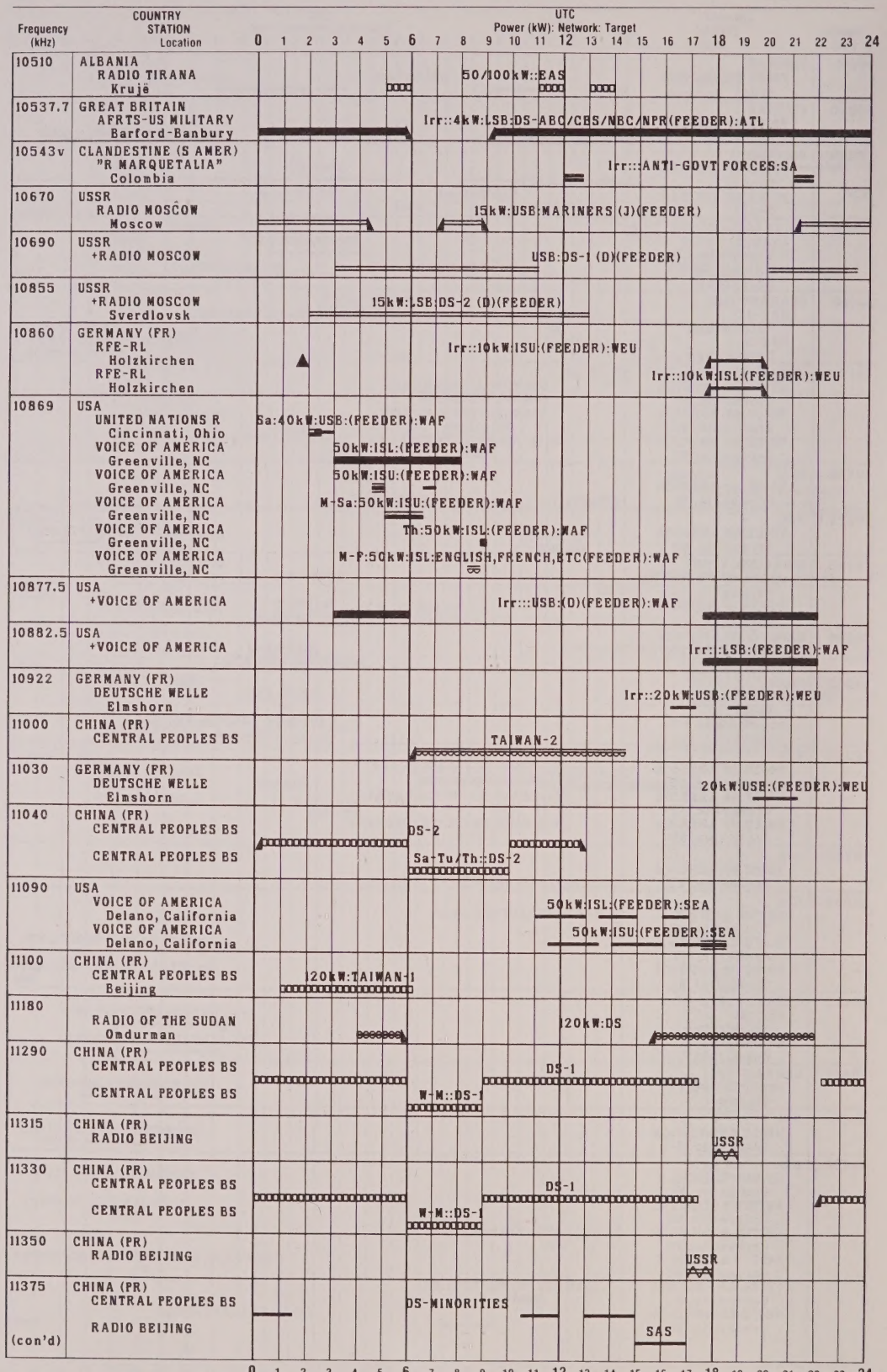

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9852.5 (con'd)
USA
+WYFR-FAMILY RADIO Okeechobee,Florida
100kW::EU
+WYFR-FAMILY RADIO Okeechobee,Florida
100kW:(D):EU
9855
BANGLADESH
RADIO BANGLADESH Dhaka
250kW::EU
CLANDESTINE (ASIA)
"VOICE OF UNITY" Abu Za'bal, Egypt
100kW:PRO-AFGHAN REBELS:ME/SAS
GREECE
+FONI TIS HELLADAS Athens
100kW:(D):ATL
+FONI TIS HELLADAS Athens
100kW:(D):ME
+FONI TIS HELLADAS Athens
100kW:(D):NAF
9859
ICELAND
RIKISUTVARPID Reykjavik
10kW:USB:DS-1(FEEDER):EU
RIKISUTVARPID Reykjavik
Irr::10kW:USB:DS-1(FEEDER):EU
RIKISUTVARPID Reykjavik
Sa/Su:10kW:USB:DS-1(FEEDER):EU
9860
BELGIUM
BELGISCHE RADIO TV Wavre
100kW::AF
CHINA (PR)
RADIO BEIJING Kunming
120kW::SA
RADIO BEIJING Kunming
120kW::USSR
RADIO BEIJING Kunming
120kW:(J):EU
RADIO BEIJING Xi'an
120kW::AM
GREECE
FONI TIS HELLADAS Athens
100kW:(J):ME/SAS
FONI TIS HELLADAS Athens
100kW:(J):EU
FONI TIS HELLADAS Athens
100kW:(J):USSR/EAS
FONI TIS HELLADAS Kaválla
250kW:(J):EU/NA
FONI TIS HELLADAS Kaválla
250kW:(J):ANZ
FONI TIS HELLADAS Kaválla
250kW:(J):SA
FONI TIS HELLADAS Kaválla
250kW:FRENCH, GERMAN (J):EU/NA
9865
USSR
+RADIO MOSCOW
MARINERS (D):ATL
+RADIO MOSCOW Ul'yanovsk
100kW:DS-1 (D)
RADIO MOSCOW/RP&P Alma-Ata
(J):EU/ATL
RADIO MOSCOW/RP&P Alma-Ata
WS (J):EU/ATL
RADIO MOSCOW/RP&P Komsomol'sk 'Amure
200kW:(J):EAS
RADIO MOSCOW/RP&P Komsomol'sk 'Amure
200kW:WS (J):EAS
+RADIO MOSCOW/RP&P Krasnodar
250kW:AFRICAN (D):NAF/WAF
+RADIO MOSCOW/RP&P Krasnodar
250kW:WS (D):NAF/WAF
+RADIO MOSCOW/RP&P Krasnodar
250kW:WS(D):NAF/WAF
9870
ECUADOR
HCJB-VO THE ANDES Quito
100/500kW::EU
KOREA (REPUBLIC)
RADIO KOREA In-Kimjae
250kW::ME/EU
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
350kW:DS-GENERAL:EU
BS OF THE KINGDOM Riyadh
Irr::350kW:DS-GENERAL:EU
SWITZERLAND
SWISS RADIO INTL
WAF
9880 (con'd)
BELGIUM
BELGISCHE RADIO TV Wavre
M-F:100/250kW::NA/EAS
BELGISCHE RADIO TV Wavre
Sa:100/250kW::NA/EAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

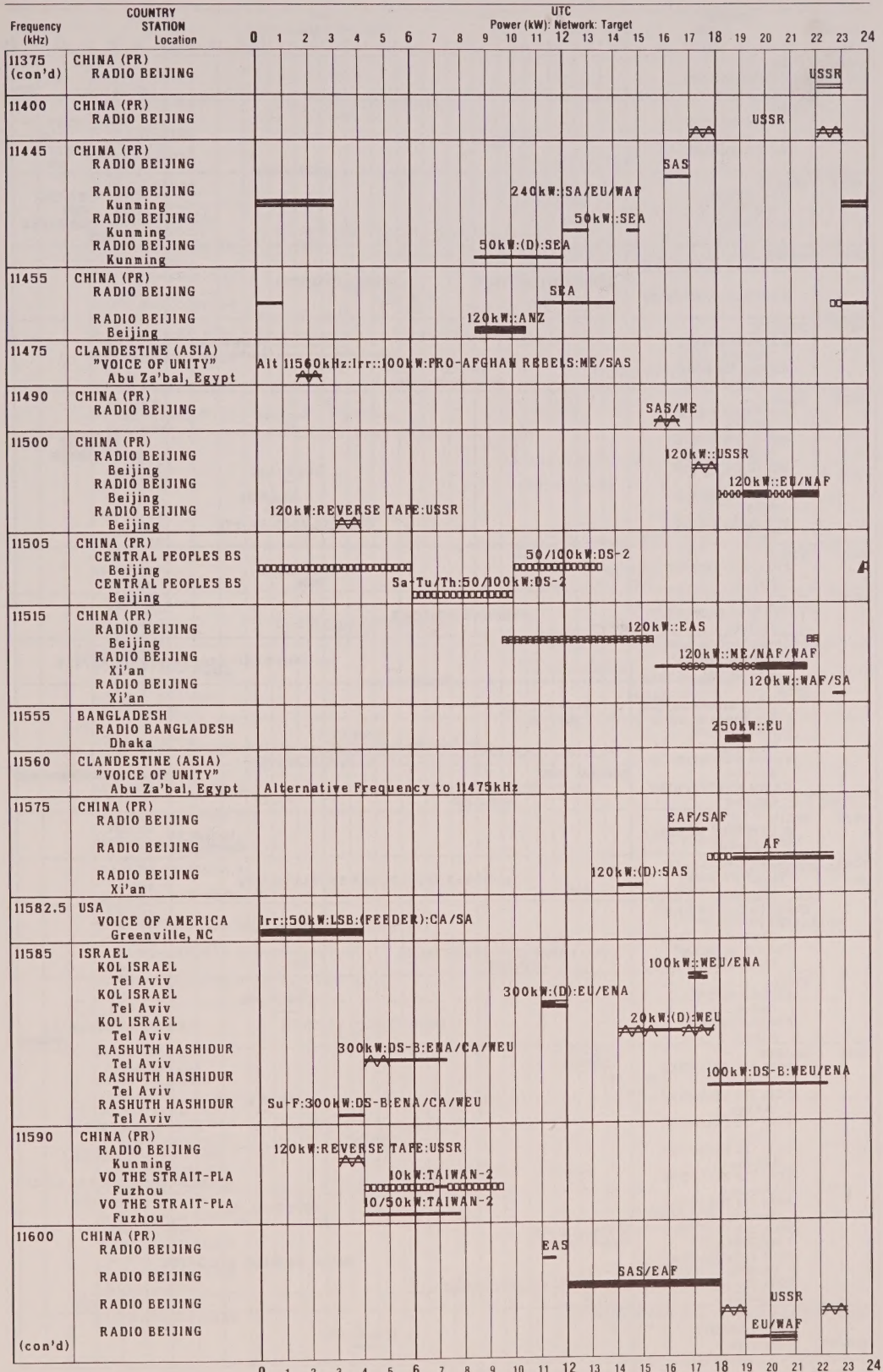

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9880 (con'd)
CHINA (PR)
RADIO BEIJING Beijing
RADIO BEIJING Xi'an
120kW::SEA
120kW::EU/NAF
KUWAIT
RADIO KUWAIT Jadādiyah
500kW:DS:ME/EU
USSR
RADIO MOSCOW/RP&P Kiev
RADIO MOSCOW/RP&P Kiev
RADIO MOSCOW/RP&P Kiev
RS SOV BELORUSSIA Kiev
RS SOV BELORUSSIA Kiev
RS SOV BELORUSSIA Kiev
(J):EU/CA/SA
N AMERICAN (J):EU/CA/SA
WS (J):EU/CA/SA
Su-F::(J):EU
Sa::1ST SA (J):EU
Sa::2ND,3RD & 4TH SATS:EU
9885
PAKISTAN
RADIO PAKISTAN Islamabad
RADIO PAKISTAN Islamabad
RADIO PAKISTAN Islamabad
100kW::ME
100kW:(J):ME
100kW:DICTATION NEWS:ME
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
350kW:DS-GENERAL:EU
SWITZERLAND
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL Sottens
Irr:M/Th:::SA
Irr:Tu/F:::ENA/CA
Irr:M/Th::FRENCH, ENGLISH:AF
Irr:M/Th:500kW:FRENCH, PORTUGUESE
SA
ENA/CA
AF
500kW::AF
9890
LIBYA
RADIO JAMAHIRIYA Sabrātah
RADIO JAMAHIRIYA Sabrātah
500kW:DS/ES
Irr::500kW:DS
USSR
RADIO MOSCOW
RADIO MOSCOW
MARINERS:ATL
MARINERS (D):ATL
9895
HOLLAND
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
RADIO NEDERLAND Flevoland
500kW::SA
500kW::ENA
500kW::ME
500kW::WEU/WAF
500kW::NAF/ME
500kW:EU
500kW::NAF
USSR
RADIO MOSCOW
+RADIO MOSCOW/RP&P Petropavlovsk-Kam
DS-1 (J)
100kW:(D):EAS
9900
BELGIUM
RT BELGE FRANCAISE Wavre
RT BELGE FRANCAISE Wavre
RT BELGE FRANCAISE Wavre
RT BELGE FRANCAISE Wavre
100/250kW:DS/ES:AF
M-F:100/250kW:DS/ES:AF
M-Sa:100/250kW:DS/ES:AF
100/250kW:DS/ES (D):EU/AF
CHINA (PR)
RADIO BEIJING Xi'an
RADIO BEIJING Xi'an
(con'd)
120kW::SAS
120kW::SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

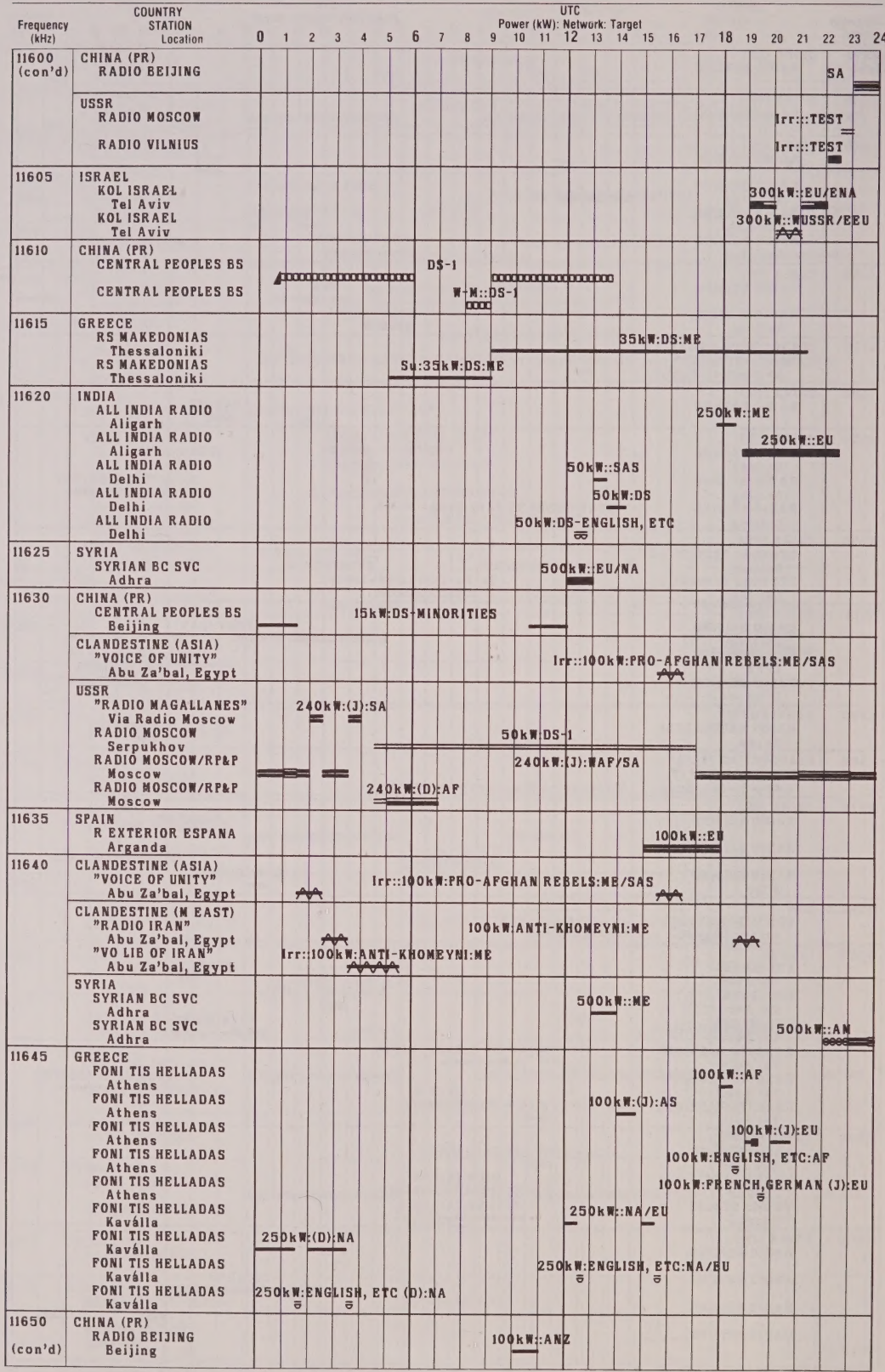

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9900 (con'd)
CHINA (PR)
RADIO BEIJING
Xi'an
120kW::WAF
9905
BELGIUM
+BELGISCHE RADIO TV
Wavre
100/250kW:(D):AF
+BELGISCHE RADIO TV
Wavre
100/250kW:(D):SA
+BELGISCHE RADIO TV
Wavre
M+Sa:100/250kW:(D):AF
+BELGISCHE RADIO TV
Wavre
Su:100/250kW:(D):AF
GREECE
FONI TIS HELLADAS
Athens
100kW:(J):ME
FONI TIS HELLADAS
Athens
100kW:(J):EU
FONI TIS HELLADAS
Kaválla
250kW:(J):NA/EU
FONI TIS HELLADAS
Kaválla
250kW:ENGLISH, ETC (D):NA/EU
QATAR
QATAR BC SVC
Doha
Irr::250kW:DS-RAMADAN:EU/NAF
QATAR BC SVC
Doha
250kW:DS:EU/NAF
QATAR BC SVC
Doha
250kW:DS (J):ME/NAF
USSR
RADIO MOSCOW
Sibirtsevo
15kW:USB:DS-1/DS-2(FEEDER)
9910
INDIA
ALL INDIA RADIO
Aligarh
250kW::EAS
ALL INDIA RADIO
Delhi
100kW::ANZ
9912
INDIA
ALL INDIA RADIO
Delhi
100kW::ME
9915
GREAT BRITAIN
BBC
WS:AM
BBC
NAF/WAF
BBC
(D):NAF/WAF
BBC
AFRICAN (D):NAF/WAF
BBC
Tu/F::FALKLANDS SVC:ATL/SA
BBC
WS:NAF/WAF
BBC
WS (D):NAF/WAF
9920
CHINA (PR)
CENTRAL PEOPLES BS
DS-MINORITIES
RADIO BEIJING
Kunming
50kW::SAS
+RADIO BEIJING
Xi'an
240kW:(D):AM
CLANDESTINE (C AMER)
UNIDENTIFIED
Guatemala City
Irr:::ALL MUSIC:CA
ISRAEL
KOL ISRAEL
Tel Aviv
20kW::NAF/WEU
KOL ISRAEL
Tel Aviv
20kW::EU
RASHUTH HASHIDUR
Tel Aviv
20kW:DS-B:EEU/WUSSR
RASHUTH HASHIDUR
Tel Aviv
20kW:DS-B:EU
RASHUTH HASHIDUR
Tel Aviv
Su-F:20kW:DS-B:EEU/WUSSR
9925
BELGIUM
BELGISCHE RADIO TV
Wavre
250kW::SA
9935
USSR
RADIO MOSCOW/RP&P
SPR:MIX ENGLISH, SPAN
9940v
CLANDESTINE (C AMER)
"LA VOZ DEL CID"
Guatemala?
Irr:::ANTI-CASTRO (J):CA/SA
"LA VOZ DEL CID"
Guatemala?
ANTI-CASTRO:CA/SA
CLANDESTINE (S AMER)
"R FRIE SURINAME"
Via "La Voz Del CI
ANTI-SURINAM GOVT:CA/SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

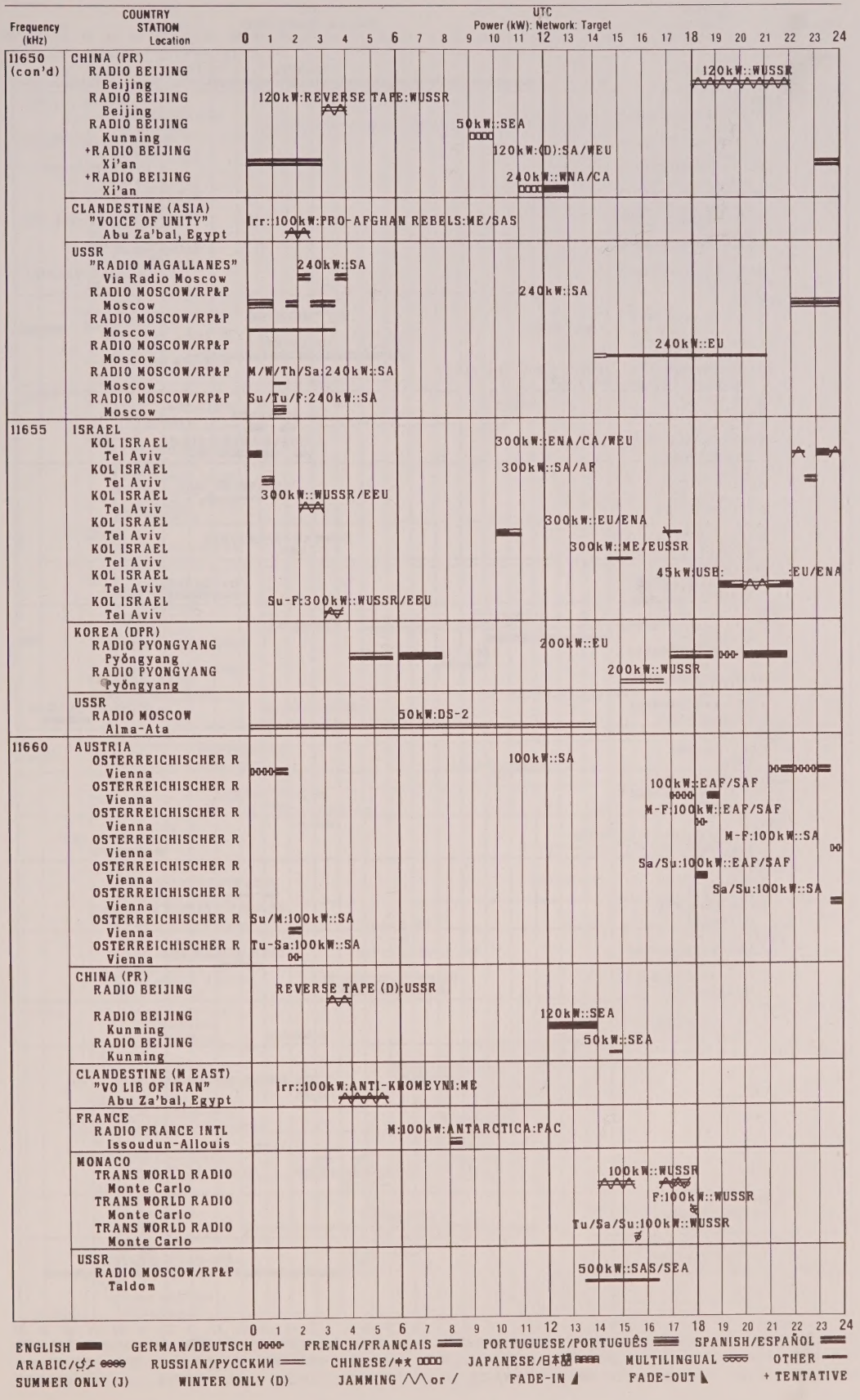

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
9945
BANGLADESH
RADIO BANGLADESH
Dhaka
250kW::ME
CHINA (PR)
RADIO BEIJING
SEA
RADIO BEIJING
Beijing
120kW::EEU/WUSSR
RADIO BEIJING
Xi'an
120kW::ENA/CA/SA
9950
INDIA
ALL INDIA RADIO
Delhi
20kW:DS-ENGLISH, ETC
ALL INDIA RADIO
Delhi
Sa:20kW:DS-ENGLISH, ETC
SYRIA
SYRIAN BC SVC
Adhra
500kW:DS:ME
9954v
CLANDESTINE (AFRICA)
"VO BROAD MASSES"
Rebelheld Ethiopia
SPR:PLF/2X4977VKHZ
"VO THE TIGRE REV"
Rebelheld Ethiopia
Tu/Th/Sa::SPR:PLF/2X4977VKHZ
9960
PIRATE (EUROPE)
"SPECTRUM WORLD"
England
Alternative Frequency to 6240kHz
9965
CHINA (PR)
RADIO BEIJING
Beijing
120kW::USSR
RADIO BEIJING
Beijing
120kW::EU/ME/NAF
9977
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::NA
RADIO PYONGYANG
Pyŏngyang
200kW::SAS/ME/EAF
9980
USSR
ARMENIAN RADIO
Yerevan
SPR:2X4990KHZ/DS-1
RADIO YEREVAN
Yerevan
SPR:2X4990KHZ
9985
CHINA (PR)
RADIO BEIJING
(J):USSR
CUBA
RADIO REBELDE
Irr:::SPR:DS
9988
PERU
ESTACION 2000
Rioja
0.012/0.05kW:DS
ESTACION 2000
Rioja
Tu-Su:0.012/0.05kW:DS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

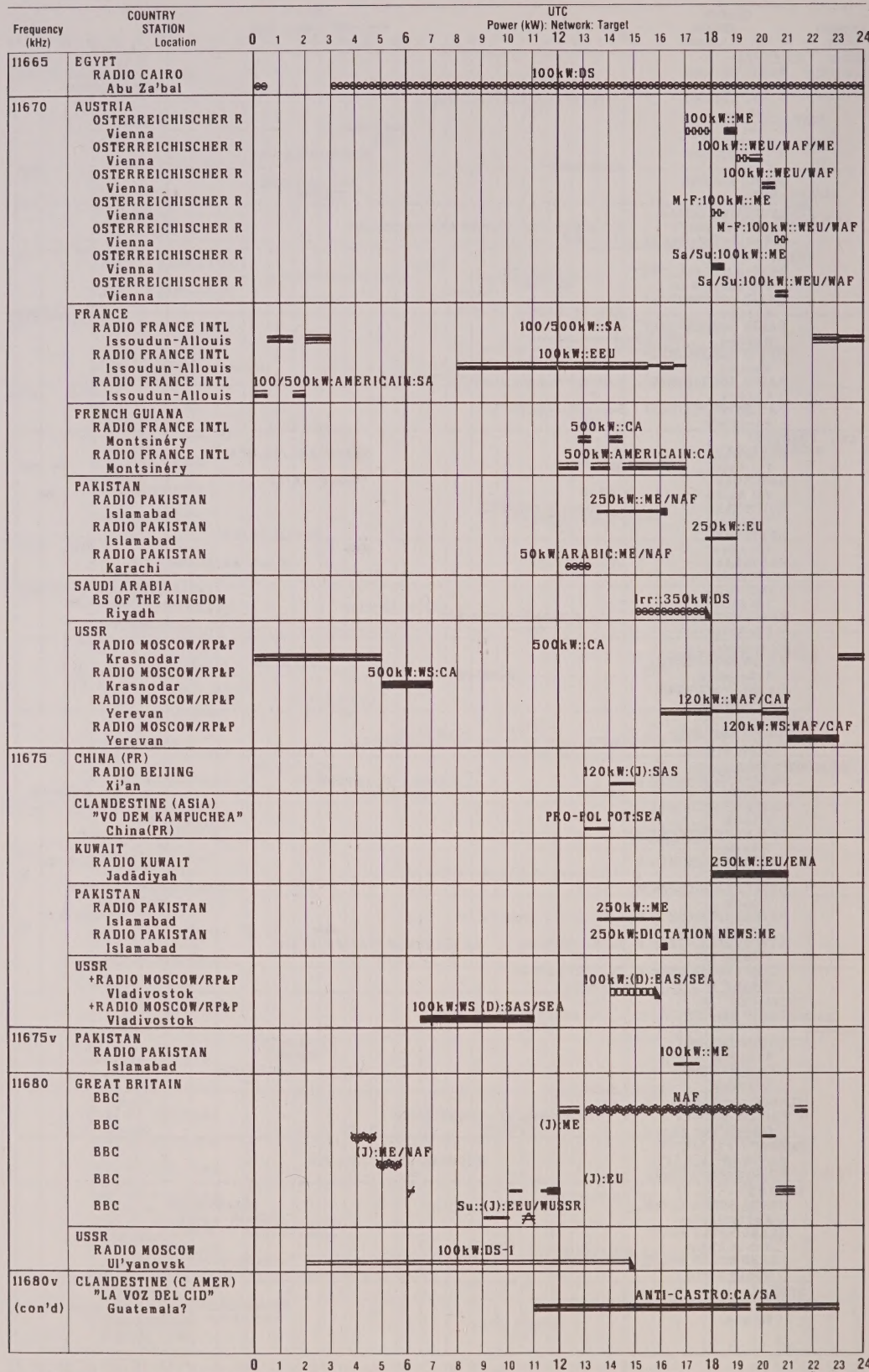

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
10010 VIETNAM VOICE OF VIETNAM Hanoi
30kW::BAS
10040 VIETNAM VOICE OF VIETNAM Hanoi
30kW
10059 VIETNAM VOICE OF VIETNAM Hanoi
VOICE OF VIETNAM Hanoi
30kW:DS
Su:30kW:DS
10100 CHINA (PR) GUANGXI RADIO Guangzhou
RADIO BEIJING Guangzhou
SFR:2X50 50KHZ
SFR:2X50 50KHZ
10190 GERMANY (FR) RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
Irr::10kW:ISL:(FEEDER):WEU
10234 USA VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
50kW:ISU:(FEEDER):WAF
50kW:ISL:(FEEDER):WAF
M-Sa:50kW:ISL:(FEEDER):WAF
10235 USA VOICE OF AMERICA Greenville, NC
Alternative Frequency to 15715kHz
10237.5 USA VOICE OF AMERICA Greenville, NC
50kW:ISL:(D)(FEEDER)
10245 CHINA (PR) CENTRAL PEOPLES BS Beijing
CENTRAL PEPLES BS Beijing
50kW:DS-1
50kW:DS-1
10260 CHINA (PR) CENTRAL PEOPLES BS Beijing
15kW:DS-2
10335 INDIA ALL INDIA RADIO Delhi
ALL INDIA RADIO Delhi
50kW::SAS
50kW:DS-ENGLISH, ETC:SAS
10380 USA VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
Irr::50kW:ISU:(FEEDER):WAF
Irr::50kW:ISL:(FEEDER):WAF
Irr:M-Sa:50kW:ISL:(FEEDER):WAF
10381v USA VOICE OF AMERICA Greenville, NC
Alternative Frequency to 18215kHz
10382.5 USA UNITED NATIONS R Greenville, NC
VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
Sa:50kW:LSB:(FEEDER):WAF
Irr::50kW:LSB:(FEEDER):NAF
Irr::50kW:LSB:(FEEDER):WAF
10420 GERMANY (FR) RFE-RL Holzkirchen
RFE-RL Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
Irr::10kW:ISL:(FEEDER):WEU
10440 GERMANY (FR) DEUTSCHE WELLE Elmshorn
20kW:USB:(FEEDER):WEU
10454 USA VOICE OF AMERICA Greenville, NC
50kW:USB:(J)(FEEDER):NAF
10456.5 USA UNITED NATIONS R Greenville, NC
UNITED NATIONS R Greenville, NC
UNITED NATIONS R Greenville, NC
UNITED NATIONS R Greenville, NC
VOICE OF AMERICA Greenville, NC
VOICE OF AMERICA Greenville, NC
F:50kW:LSB:(FEEDER):WAF
M-F:50kW:LSB:(FEEDER)
Sa:50kW:LSB:(FEEDER):WAF
F:50kW:LSB:ENGLISH,PORTUGUESE(FEED
50kW:LSB:(D)(FEEDER):WAF
50kW:LSB:(D)(FEEDER)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋀ or / FADE-IN FADE-OUT + TENTATIVE

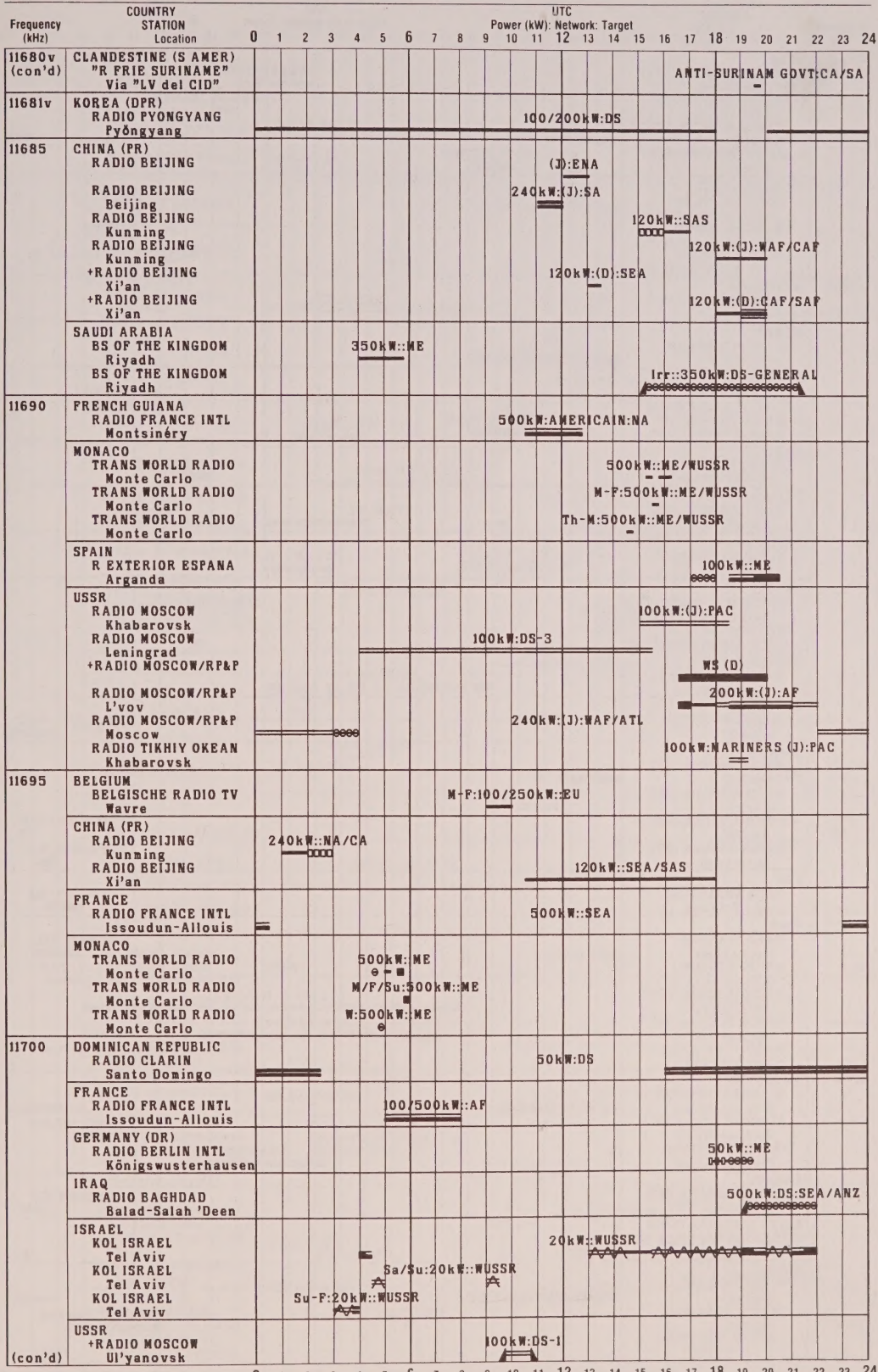

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
10510 ALBANIA RADIO TIRANA Krujë
50/100kW::EAS
10537.7 GREAT BRITAIN AFRTS-US MILITARY Barford-Banbury
Irr::4kW:LSB:DS-ABC/CBS/NBC/NPR(FEEDER):ATL
10543v CLANDESTINE (S AMER) "R MARQUETALIA" Colombia
Irr:::ANTI-GOVT FORCES:SA
10670 USSR RADIO MOSCOW Moscow
15kW:USB:MARINERS (J)(FEEDER)
10690 USSR +RADIO MOSCOW
USB:DS-1 (D)(FEEDER)
10855 USSR +RADIO MOSCOW Sverdlovsk
15kW:LSB:DS-2 (D)(FEEDER)
10860 GERMANY (FR) RFE-RL Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
RFE-RL Holzkirchen
Irr::10kW:ISL:(FEEDER):WEU
10869 USA UNITED NATIONS R Cincinnati, Ohio
Sa:40kW:USB:(FEEDER):WAF
VOICE OF AMERICA Greenville, NC
50kW:ISL:(FEEDER):WAF
VOICE OF AMERICA Greenville, NC
50kW:ISU:(FEEDER):WAF
VOICE OF AMERICA Greenville, NC
M-Sa:50kW:ISU:(FEEDER):WAF
VOICE OF AMERICA Greenville, NC
Th:50kW:ISL:(FEEDER):WAF
VOICE OF AMERICA Greenville, NC
M-F:50kW:ISL:ENGLISH,FRENCH,ETC(FEEDER):WAF
10877.5 USA +VOICE OF AMERICA
Irr:::USB:(D)(FEEDER):WAF
10882.5 USA +VOICE OF AMERICA
Irr::LSB:(FEEDER):WAF
10922 GERMANY (FR) DEUTSCHE WELLE Elmshorn
Irr::20kW:USB:(FEEDER):WEU
11000 CHINA (PR) CENTRAL PEOPLES BS
TAIWAN-2
11030 GERMANY (FR) DEUTSCHE WELLE Elmshorn
20kW:USB:(FEEDER):WEU
11040 CHINA (PR) CENTRAL PEOPLES BS
DS-2
CENTRAL PEOPLES BS
Sa-Tu/Th::DS-2
11090 USA VOICE OF AMERICA Delano, California
50kW:ISL:(FEEDER):SEA
VOICE OF AMERICA Delano, California
50kW:ISU:(FEEDER):SEA
11100 CHINA (PR) CENTRAL PEOPLES BS Beijing
120kW:TAIWAN-1
11180 RADIO OF THE SUDAN Omdurman
120kW:DS
11290 CHINA (PR) CENTRAL PEOPLES BS
DS-1
CENTRAL PEOPLES BS
W-M::DS-1
11315 CHINA (PR) RADIO BEIJING
USSR
11330 CHINA (PR) CENTRAL PEOPLES BS
DS-1
CENTRAL PEOPLES BS
W-M::DS-1
11350 CHINA (PR) RADIO BEIJING
USSR
11375 CHINA (PR) CENTRAL PEOPLES BS
DS-MINORITIES
RADIO BEIJING
SAS
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING /\/ or / FADE-IN FADE-OUT + TENTATIVE

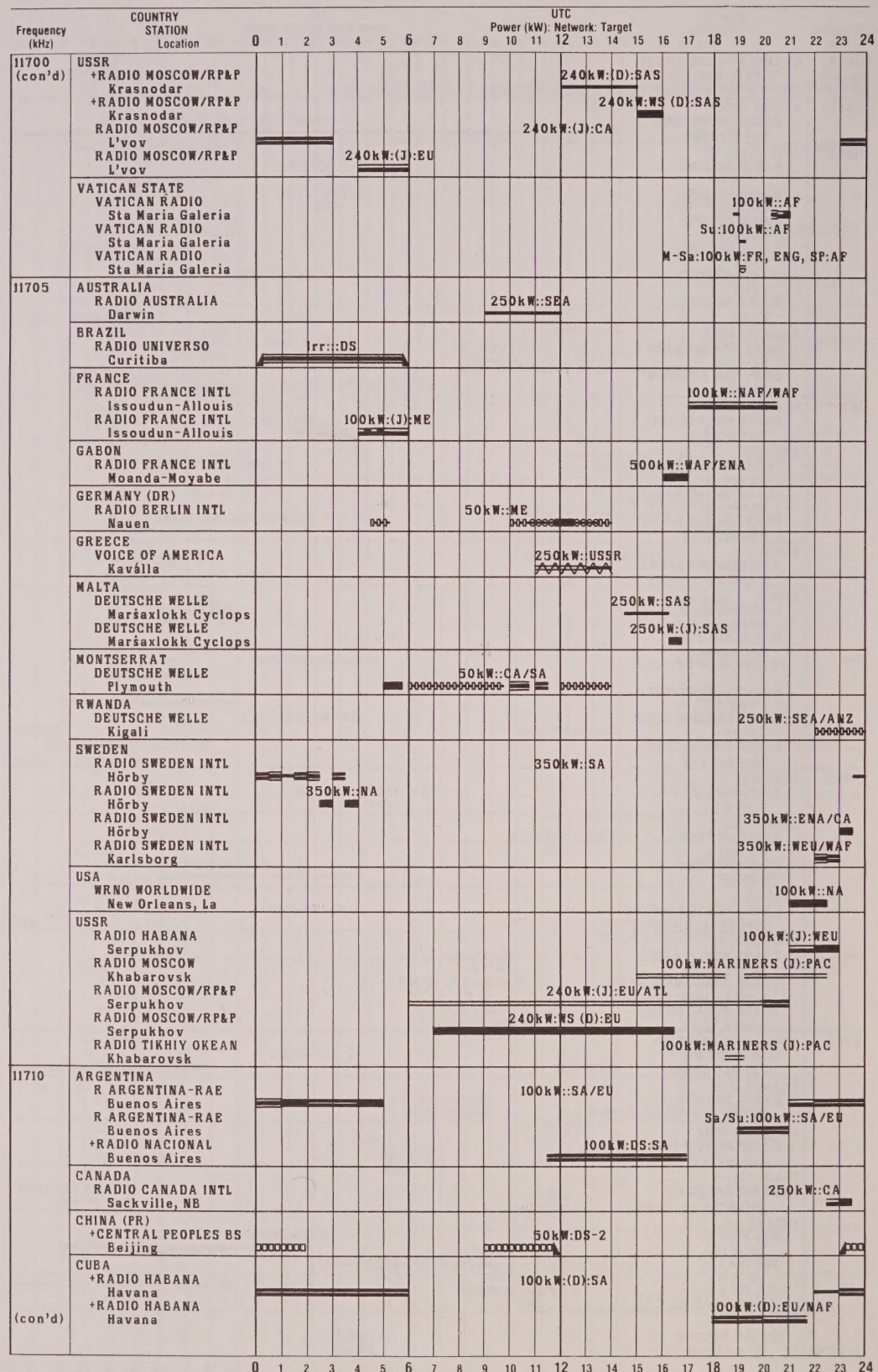

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11375 (con'd)
CHINA (PR)
RADIO BEIJING
USSR
11400
CHINA (PR)
RADIO BEIJING
USSR
11445
CHINA (PR)
RADIO BEIJING
SAS
RADIO BEIJING
Kunming
240kW::SA/EU/WAF
RADIO BEIJING
Kunming
50kW::SEA
RADIO BEIJING
Kunming
50kW:(D):SEA
11455
CHINA (PR)
RADIO BEIJING
SEA
RADIO BEIJING
Beijing
120kW::ANZ
11475
CLANDESTINE (ASIA)
"VOICE OF UNITY"
Abu Za'bal, Egypt
Alt 11560kHz:Irr::100kW:PRO-AFGHAN REBELS:ME/SAS
11490
CHINA (PR)
RADIO BEIJING
SAS/ME
11500
CHINA (PR)
RADIO BEIJING
Beijing
120kW::USSR
RADIO BEIJING
Beijing
120kW::EU/NAF
RADIO BEIJING
Beijing
120kW:REVERSE TAPE:USSR
11505
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
50/100kW:DS-2
CENTRAL PEOPLES BS
Beijing
Sa-Tu/Th:50/100kW:DS-2
11515
CHINA (PR)
RADIO BEIJING
Beijing
120kW::EAS
RADIO BEIJING
Xi'an
120kW::ME/NAF/WAF
RADIO BEIJING
Xi'an
120kW::WAF/SA
11555
BANGLADESH
RADIO BANGLADESH
Dhaka
250kW::EU
11560
CLANDESTINE (ASIA)
"VOICE OF UNITY"
Abu Za'bal, Egypt
Alternative Frequency to 11475kHz
11575
CHINA (PR)
RADIO BEIJING
EAF/SAF
RADIO BEIJING
AF
RADIO BEIJING
Xi'an
120kW:(D):SAS
11582.5
USA
VOICE OF AMERICA
Greenville, NC
Irr::50kW:LSB:(FEEDER):CA/SA
11585
ISRAEL
KOL ISRAEL
Tel Aviv
100kW::WEU/ENA
KOL ISRAEL
Tel Aviv
300kW:(D):EU/ENA
KOL ISRAEL
Tel Aviv
20kW:(D):WEU
RASHUTH HASHIDUR
Tel Aviv
300kW:DS-B:ENA/CA/WEU
RASHUTH HASHIDUR
Tel Aviv
100kW:DS-B:WEU/ENA
RASHUTH HASHIDUR
Tel Aviv
Su-F:300kW:DS-B:ENA/CA/WEU
11590
CHINA (PR)
RADIO BEIJING
Kunming
120kW:REVERSE TAPE:USSR
VO THE STRAIT-PLA
Fuzhou
10kW:TAIWAN-2
VO THE STRAIT-PLA
Fuzhou
10/50kW:TAIWAN-2
11600
CHINA (PR)
RADIO BEIJING
EAS
RADIO BEIJING
SAS/EAF
RADIO BEIJING
USSR
RADIO BEIJING
EU/WAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

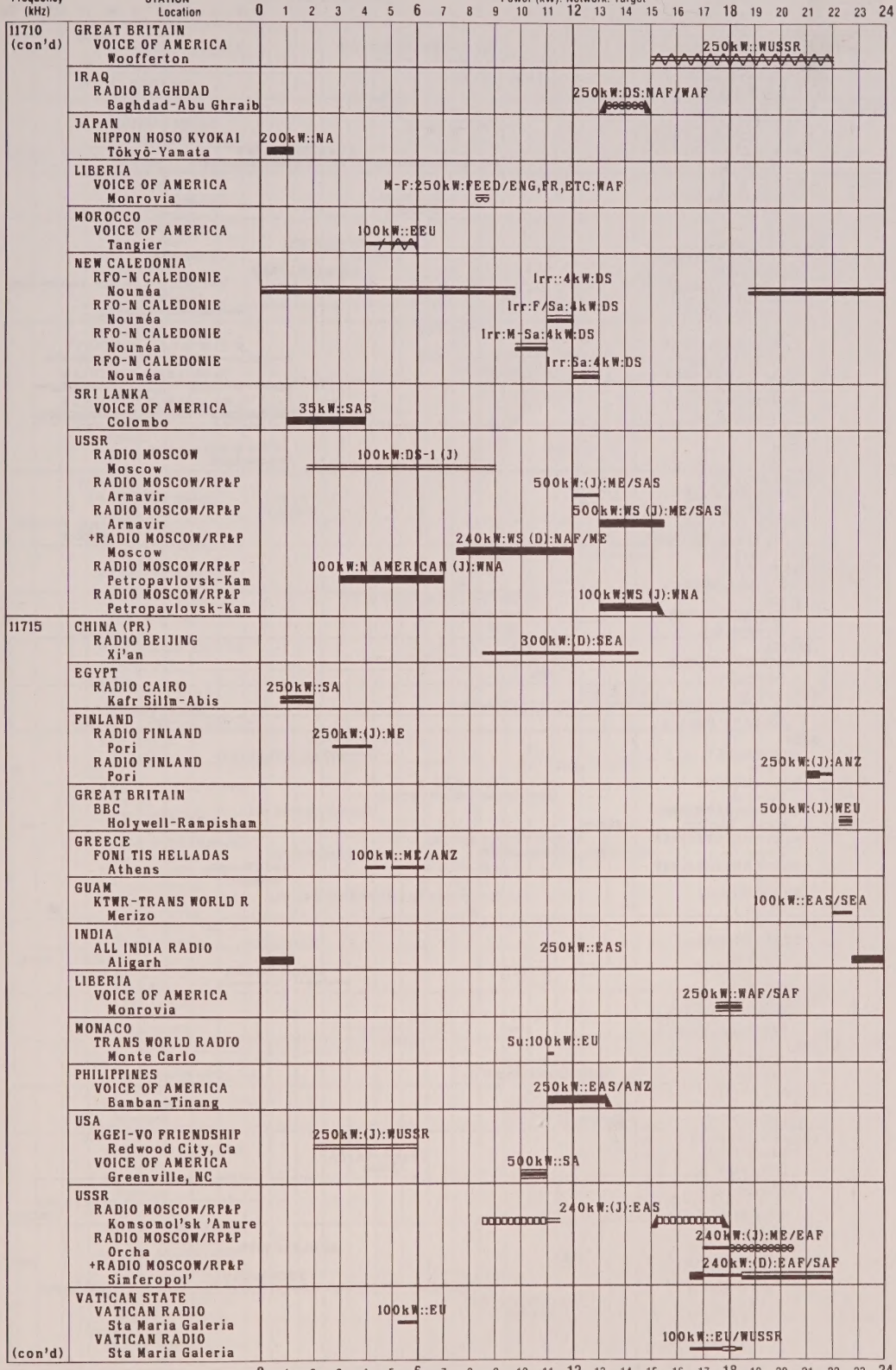

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11600 (con'd)
CHINA (PR)
RADIO BEIJING
Beijing
SA
USSR
RADIO MOSCOW
Irr::TEST
RADIO VILNIUS
Irr::TEST
11605
ISRAEL
KOL ISRAEL
Tel Aviv
300kW::EU/ENA
KOL ISRAEL
Tel Aviv
300kW::WUSSR/EEU
11610
CHINA (PR)
CENTRAL PEOPLES BS
D$-1
CENTRAL PEOPLES BS
W-M::DS-1
11615
GREECE
RS MAKEDONIAS
Thessaloniki
35kW:DS:ME
RS MAKEDONIAS
Thessaloniki
Su:35kW:DS:ME
11620
INDIA
ALL INDIA RADIO
Aligarh
250kW::ME
ALL INDIA RADIO
Aligarh
250kW::EU
ALL INDIA RADIO
Delhi
50kW::SAS
ALL INDIA RADIO
Delhi
50kW:DS
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
11625
SYRIA
SYRIAN BC SVC
Adhra
500kW::EU/NA
11630
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
15kW:DS-MINORITIES
CLANDESTINE (ASIA)
"VOICE OF UNITY"
Abu Za'bal, Egypt
Irr::100kW:PRO-AFGHAN REBELS:ME/SAS
USSR
"RADIO MAGALLANES"
Via Radio Moscow
240kW:(J):SA
RADIO MOSCOW
Serpukhov
50kW:DS-1
RADIO MOSCOW/RP&P
Moscow
240kW:(J):WAF/SA
RADIO MOSCOW/RP&P
Moscow
240kW:(D):AF
11635
SPAIN
R EXTERIOR ESPANA
Arganda
100kW::EU
11640
CLANDESTINE (ASIA)
"VOICE OF UNITY"
Abu Za'bal, Egypt
Irr::100kW:PRO-AFGHAN REBELS:ME/SAS
CLANDESTINE (M EAST)
"RADIO IRAN"
Abu Za'bal, Egypt
100kW:ANTI-KHOMEYNI:ME
"VO LIB OF IRAN"
Abu Za'bal, Egypt
Irr::100kW:ANTI-KHOMEYNI:ME
SYRIA
SYRIAN BC SVC
Adhra
500kW::ME
SYRIAN BC SVC
Adhra
500kW::AM
11645
GREECE
FONI TIS HELLADAS
Athens
100kW::AF
FONI TIS HELLADAS
Athens
100kW:(J):AS
FONI TIS HELLADAS
Athens
100kW:(J):EU
FONI TIS HELLADAS
Athens
100kW:ENGLISH, ETC:AF
FONI TIS HELLADAS
Athens
100kW:FRENCH,GERMAN (J):EU
FONI TIS HELLADAS
Kaválla
250kW::NA/EU
FONI TIS HELLADAS
Kaválla
250kW:(D):NA
FONI TIS HELLADAS
Kaválla
250kW:ENGLISH, ETC:NA/EU
FONI TIS HELLADAS
Kaválla
250kW:ENGLISH, ETC (D):NA
11650 (con'd)
CHINA (PR)
RADIO BEIJING
Beijing
100kW::ANZ
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

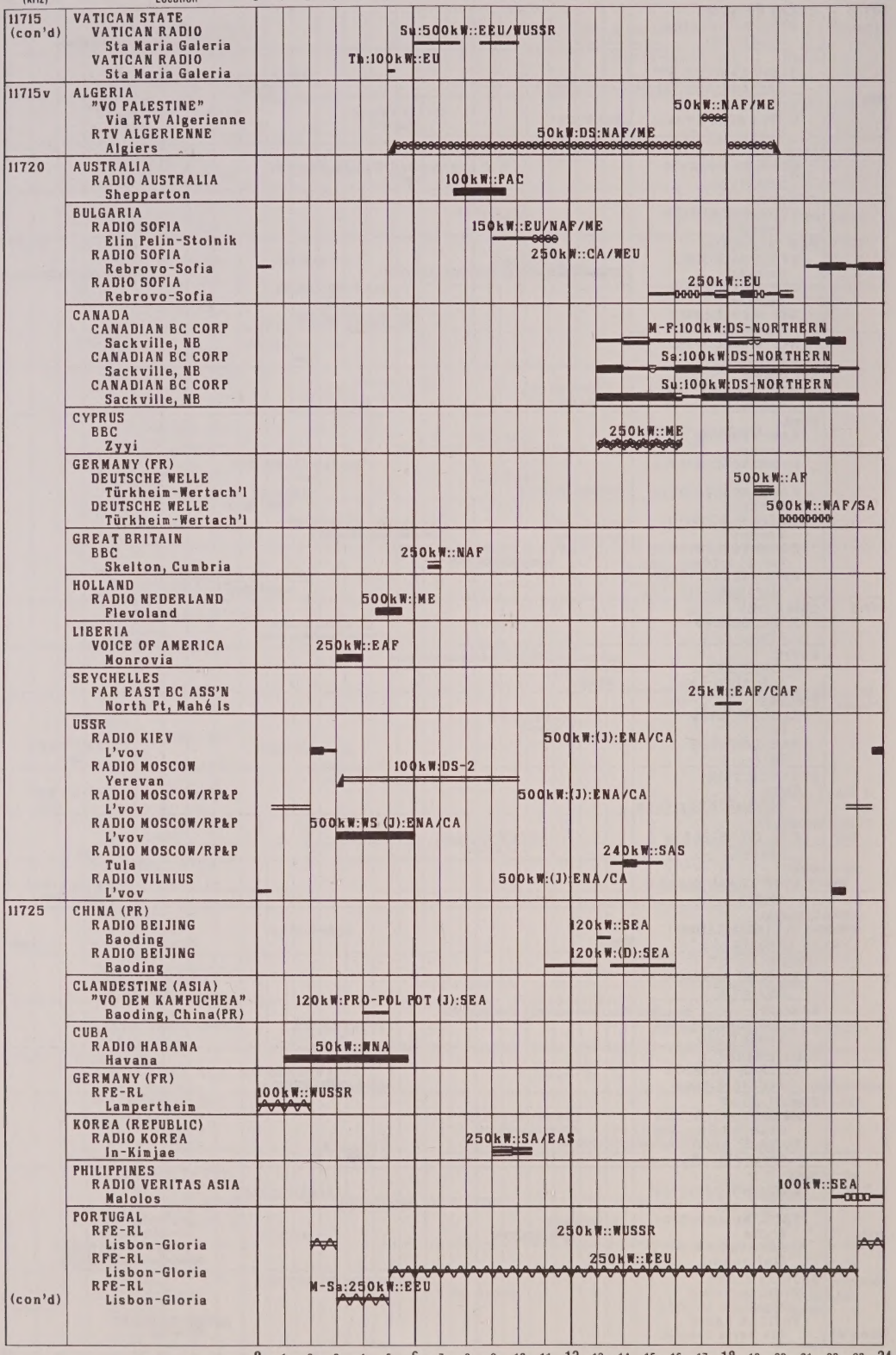

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11650 (con'd)
CHINA (PR)
RADIO BEIJING Beijing
RADIO BEIJING Beijing
RADIO BEIJING Kunming
+RADIO BEIJING Xi'an
+RADIO BEIJING Xi'an
120kW::WUSSR
120kW:REVERSE TAPE:WUSSR
50kW::SEA
120kW:(D):SA/WEU
240kW::WNA/CA
CLANDESTINE (ASIA)
"VOICE OF UNITY" Abu Za'bal, Egypt
Irr::100kW:PRO-AFGHAN REBELS:ME/SAS
USSR
"RADIO MAGALLANES" Via Radio Moscow
RADIO MOSCOW/RP&P Moscow
RADIO MOSCOW/RP&P Moscow
RADIO MOSCOW/RP&P Moscow
RADIO MOSCOW/RP&P Moscow
RADIO MOSCOW/RP&P Moscow
240kW::SA
240kW::SA
240kW::EU
M/W/Th/Sa:240kW::SA
Su/Tu/F:240kW::SA
11655
ISRAEL
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
300kW::ENA/CA/WEU
300kW::SA/AF
300kW::WUSSR/EEU
300kW::EU/ENA
300kW::ME/EUSSR
45kW:USE: :EU/ENA
Su-F:300kW::WUSSR/EEU
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
RADIO PYONGYANG Pyŏngyang
200kW::EU
200kW::WUSSR
USSR
RADIO MOSCOW Alma-Ata
50kW:DS-2
11660
AUSTRIA
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
100kW::SA
100kW::EAF/SAF
M-F:100kW::EAF/SAF
M-F:100kW::SA
Sa/Su:100kW::EAF/SAF
Sa/Su:100kW::SA
Su/M:100kW::SA
Tu-Sa:100kW::SA
CHINA (PR)
RADIO BEIJING
RADIO BEIJING Kunming
RADIO BEIJING Kunming
REVERSE TAPE (D):USSR
120kW::SEA
50kW::SEA
CLANDESTINE (M EAST)
"VO LIB OF IRAN" Abu Za'bal, Egypt
Irr::100kW:ANTI-KHOMEYNI:ME
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
M:100kW:ANTARCTICA:PAC
MONACO
TRANS WORLD RADIO Monte Carlo
TRANS WORLD RADIO Monte Carlo
TRANS WORLD RADIO Monte Carlo
100kW::WUSSR
F:100kW::WUSSR
Tu/Sa/Su:100kW::WUSSR
USSR
RADIO MOSCOW/RP&P Taldom
500kW::SAS/SEA
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

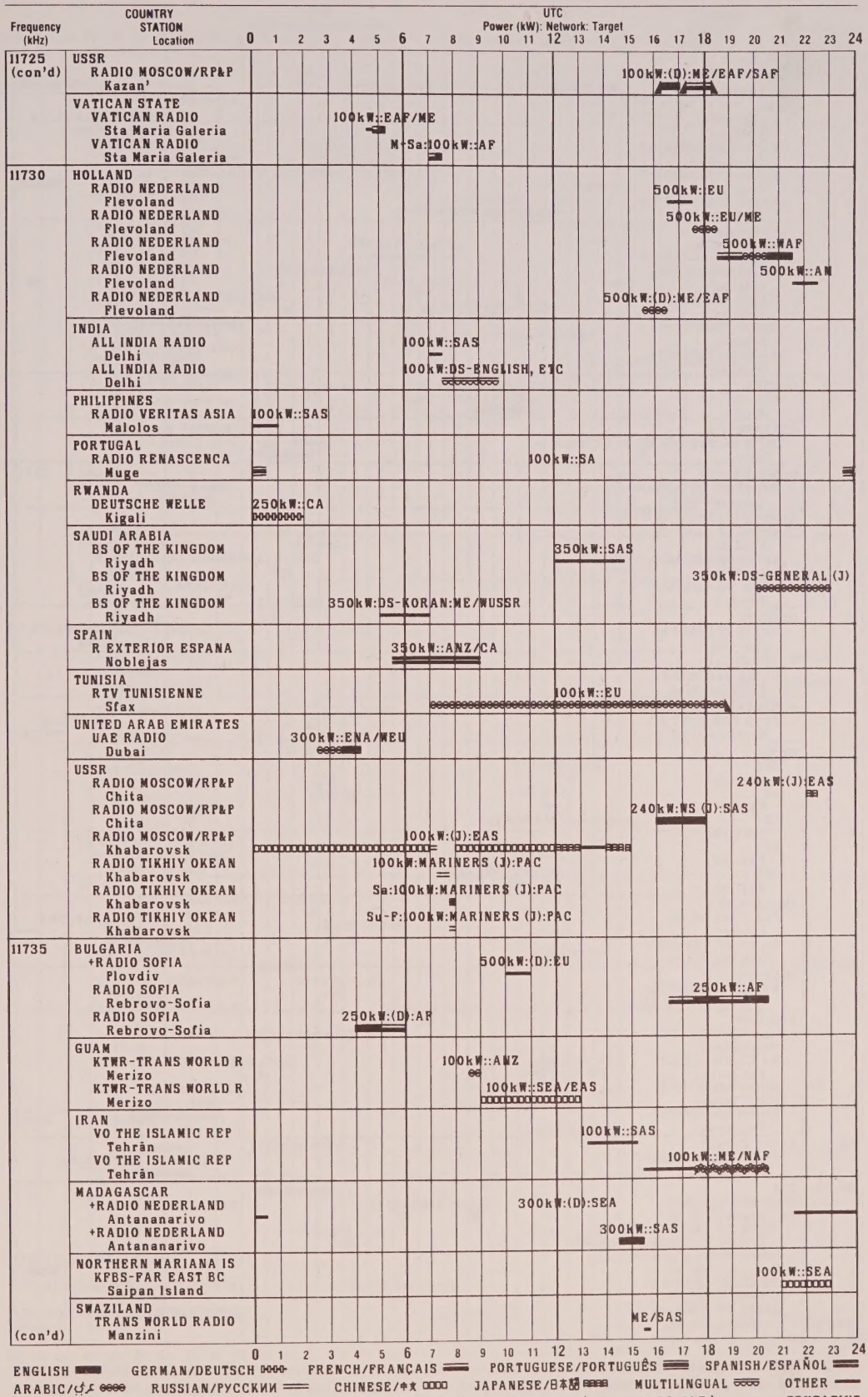

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11665
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS
11670
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::ME
OSTERREICHISCHER R
Vienna
100kW::WEU/WAF/ME
OSTERREICHISCHER R
Vienna
100kW::WEU/WAF
OSTERREICHISCHER R
Vienna
M-F:100kW::ME
OSTERREICHISCHER R
Vienna
M-F:100kW::WEU/WAF
OSTERREICHISCHER R
Vienna
Sa/Su:100kW::ME
OSTERREICHISCHER R
Vienna
Sa/Su:100kW::WEU/WAF
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::SA
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EEU
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW:AMERICAIN:SA
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
PAKISTAN
RADIO PAKISTAN
Islamabad
250kW::ME/NAF
RADIO PAKISTAN
Islamabad
250kW::EU
RADIO PAKISTAN
Karachi
50kW:ARABIC:ME/NAF
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
Irr::350kW:DS
USSR
RADIO MOSCOW/RP&P
Krasnodar
500kW::CA
RADIO MOSCOW/RP&P
Krasnodar
500kW:WS:CA
RADIO MOSCOW/RP&P
Yerevan
120kW::WAF/CAF
RADIO MOSCOW/RP&P
Yerevan
120kW:WS:WAF/CAF
11675
CHINA (PR)
RADIO BEIJING
Xi'an
120kW:(J):SAS
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
China(PR)
PRO-POL POT:SEA
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW::EU/ENA
PAKISTAN
RADIO PAKISTAN
Islamabad
250kW::ME
RADIO PAKISTAN
Islamabad
250kW:DICTATION NEWS:ME
USSR
+RADIO MOSCOW/RP&P
Vladivostok
100kW:(D):EAS/SEA
+RADIO MOSCOW/RP&P
Vladivostok
100kW:WS (D):SAS/SEA
11675v
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::ME
11680
GREAT BRITAIN
BBC
NAF
BBC
(J):ME
BBC
(J):ME/NAF
BBC
(J):EU
BBC
Su::(J):EEU/WUSSR
USSR
RADIO MOSCOW
Ul'yanovsk
100kW:DS-1
11680v (con'd)
CLANDESTINE (C AMER)
"LA VOZ DEL CID"
Guatemala?
ANTI-CASTRO:CA/SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11680v (con'd)
CLANDESTINE (S AMER) "R FRIE SURINAME" Via "LV del CID"
ANTI-SURINAM GOVT:CA/SA
11681v
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
100/200kW:DS
11685
CHINA (PR)
RADIO BEIJING
(J):ENA
RADIO BEIJING Beijing
240kW:(J):SA
RADIO BEIJING Kunming
120kW::SAS
RADIO BEIJING Kunming
120kW:(J):WAF/CAF
+RADIO BEIJING Xi'an
120kW:(D):SEA
+RADIO BEIJING Xi'an
120kW:(D):CAF/SAF
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
350kW::ME
BS OF THE KINGDOM Riyadh
Irr::350kW:DS-GENERAL
11690
FRENCH GUIANA
RADIO FRANCE INTL Montsinéry
500kW:AMERICAIN:NA
MONACO
TRANS WORLD RADIO Monte Carlo
500kW::ME/WUSSR
TRANS WORLD RADIO Monte Carlo
M-F:500kW::ME/WUSSR
TRANS WORLD RADIO Monte Carlo
Th-M:500kW::ME/WUSSR
SPAIN
R EXTERIOR ESPANA Arganda
100kW::ME
USSR
RADIO MOSCOW Khabarovsk
100kW:(J):PAC
RADIO MOSCOW Leningrad
100kW:DS-3
+RADIO MOSCOW/RP&P
WS (D)
RADIO MOSCOW/RP&P L'vov
200kW:(J):AF
RADIO MOSCOW/RP&P Moscow
240kW:(J):WAF/ATL
RADIO TIKHIY OKEAN Khabarovsk
100kW:MARINERS (J):PAC
11695
BELGIUM
BELGISCHE RADIO TV Wavre
M-F:100/250kW::EU
CHINA (PR)
RADIO BEIJING Kunming
240kW::NA/CA
RADIO BEIJING Xi'an
120kW::SEA/SAS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
500kW::SEA
MONACO
TRANS WORLD RADIO Monte Carlo
500kW::ME
TRANS WORLD RADIO Monte Carlo
M/F/Su:500kW::ME
TRANS WORLD RADIO Monte Carlo
W:500kW::ME
11700
DOMINICAN REPUBLIC
RADIO CLARIN Santo Domingo
50kW:DS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100/500kW::AF
GERMANY (DR)
RADIO BERLIN INTL Königswusterhausen
50kW::ME
IRAQ
RADIO BAGHDAD Balad-Salah 'Deen
500kW:DS:SEA/ANZ
ISRAEL
KOL ISRAEL Tel Aviv
20kW::WUSSR
KOL ISRAEL Tel Aviv
Sa/Su:20kW::WUSSR
KOL ISRAEL Tel Aviv
Su-F:20kW::WUSSR
USSR
+RADIO MOSCOW Ul'yanovsk
(con'd)
100kW:DS-1
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11700 (con'd)
USSR
+RADIO MOSCOW/RP&P
Krasnodar
240kW:(D):SAS
+RADIO MOSCOW/RP&P
Krasnodar
240kW:WS (D):SAS
RADIO MOSCOW/RP&P
L'vov
240kW:(J):CA
RADIO MOSCOW/RP&P
L'vov
240kW:(J):EU
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::AF
VATICAN RADIO
Sta Maria Galeria
Su:100kW::AF
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW:FR, ENG, SP:AF
11705
AUSTRALIA
RADIO AUSTRALIA
Darwin
250kW::SEA
BRAZIL
RADIO UNIVERSO
Curitiba
1rr:::DS
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NAF/WAF
RADIO FRANCE INTL
Issoudun-Allouis
100kW:(J):ME
GABON
RADIO FRANCE INTL
Moanda-Moyabe
500kW::WAF/ENA
GERMANY (DR)
RADIO BERLIN INTL
Nauen
50kW::ME
GREECE
VOICE OF AMERICA
Kaválla
250kW::USSR
MALTA
DEUTSCHE WELLE
Maršaxlokk Cyclops
250kW::SAS
DEUTSCHE WELLE
Maršaxlokk Cyclops
250kW:(J):SAS
MONTSERRAT
DEUTSCHE WELLE
Plymouth
50kW::CA/SA
RWANDA
DEUTSCHE WELLE
Kigali
250kW::SEA/ANZ
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::SA
RADIO SWEDEN INTL
Hörby
350kW::NA
RADIO SWEDEN INTL
Hörby
350kW::ENA/CA
RADIO SWEDEN INTL
Karlsborg
350kW::WEU/WAF
USA
WRNO WORLDWIDE
New Orleans, La
100kW::NA
USSR
RADIO HABANA
Serpukhov
100kW:(J):WEU
RADIO MOSCOW
Khabarovsk
100kW:MARINERS (J):PAC
RADIO MOSCOW/RP&P
Serpukhov
240kW:(J):EU/ATL
RADIO MOSCOW/RP&P
Serpukhov
240kW:WS (D):EU
RADIO TIKHIY OKEAN
Khabarovsk
100kW:MARINERS (J):PAC
11710
ARGENTINA
R ARGENTINA-RAE
Buenos Aires
100kW::SA/EU
R ARGENTINA-RAE
Buenos Aires
Sa/Su:100kW::SA/EU
+RADIO NACIONAL
Buenos Aires
100kW:DS:SA
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::CA
CHINA (PR)
+CENTRAL PEOPLES BS
Beijing
50kW:DS-2
CUBA
+RADIO HABANA
Havana
100kW:(D):SA
+RADIO HABANA
Havana
(con'd)
100kW:(D):EU/NAF
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

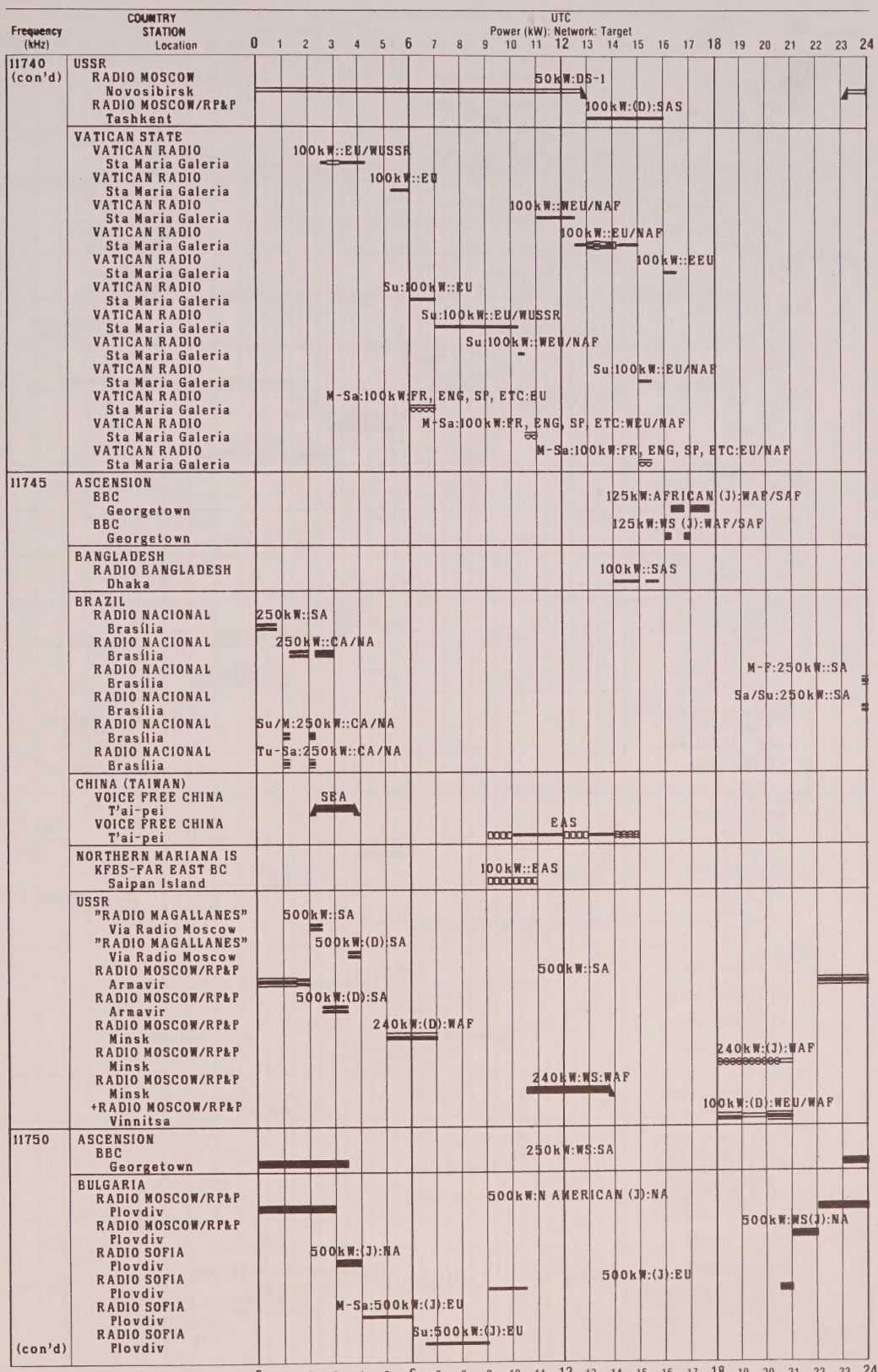

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11710 (con'd)
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW::WUSSR
IRAQ
RADIO BAGHDAD
Baghdad-Abu Ghraib
250kW:DS:NAF/WAF
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
200kW::NA
LIBERIA
VOICE OF AMERICA
Monrovia
M-F:250kW:FEED/ENG,FR,ETC:WAF
MOROCCO
VOICE OF AMERICA
Tangier
100kW::EEU
NEW CALEDONIA
RFO-N CALEDONIE
Nouméa
Irr::4kW:DS
RFO-N CALEDONIE
Nouméa
Irr:F/Sa:4kW:DS
RFO-N CALEDONIE
Nouméa
Irr:M-Sa:4kW:DS
RFO-N CALEDONIE
Nouméa
Irr:Sa:4kW:DS
SRI LANKA
VOICE OF AMERICA
Colombo
35kW::SAS
USSR
RADIO MOSCOW
Moscow
100kW:DS-1 (J)
RADIO MOSCOW/RP&P
Armavir
500kW:(J):ME/SAS
RADIO MOSCOW/RP&P
Armavir
500kW:WS (J):ME/SAS
+RADIO MOSCOW/RP&P
Moscow
240kW:WS (D):NAF/ME
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:N AMERICAN (J):WNA
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:WS (J):WNA
11715
CHINA (PR)
RADIO BEIJING
Xi'an
300kW:(D):SEA
EGYPT
RADIO CAIRO
Kafr Silîm-Abis
250kW::SA
FINLAND
RADIO FINLAND
Pori
250kW:(J):ME
RADIO FINLAND
Pori
250kW:(J):ANZ
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW:(J):WEU
GREECE
FONI TIS HELLADAS
Athens
100kW::ME/ANZ
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::EAS/SEA
INDIA
ALL INDIA RADIO
Aligarh
250kW::EAS
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF/SAF
MONACO
TRANS WORLD RADIO
Monte Carlo
Su:100kW::EU
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS/ANZ
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
250kW:(J):WUSSR
VOICE OF AMERICA
Greenville, NC
500kW::SA
USSR
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
240kW:(J):EAS
RADIO MOSCOW/RP&P
Orcha
240kW:(J):ME/EAF
+RADIO MOSCOW/RP&P
Simferopol'
240kW:(D):EAF/SAF
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EU
(con'd)
VATICAN RADIO
Sta Maria Galeria
100kW::EU/WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

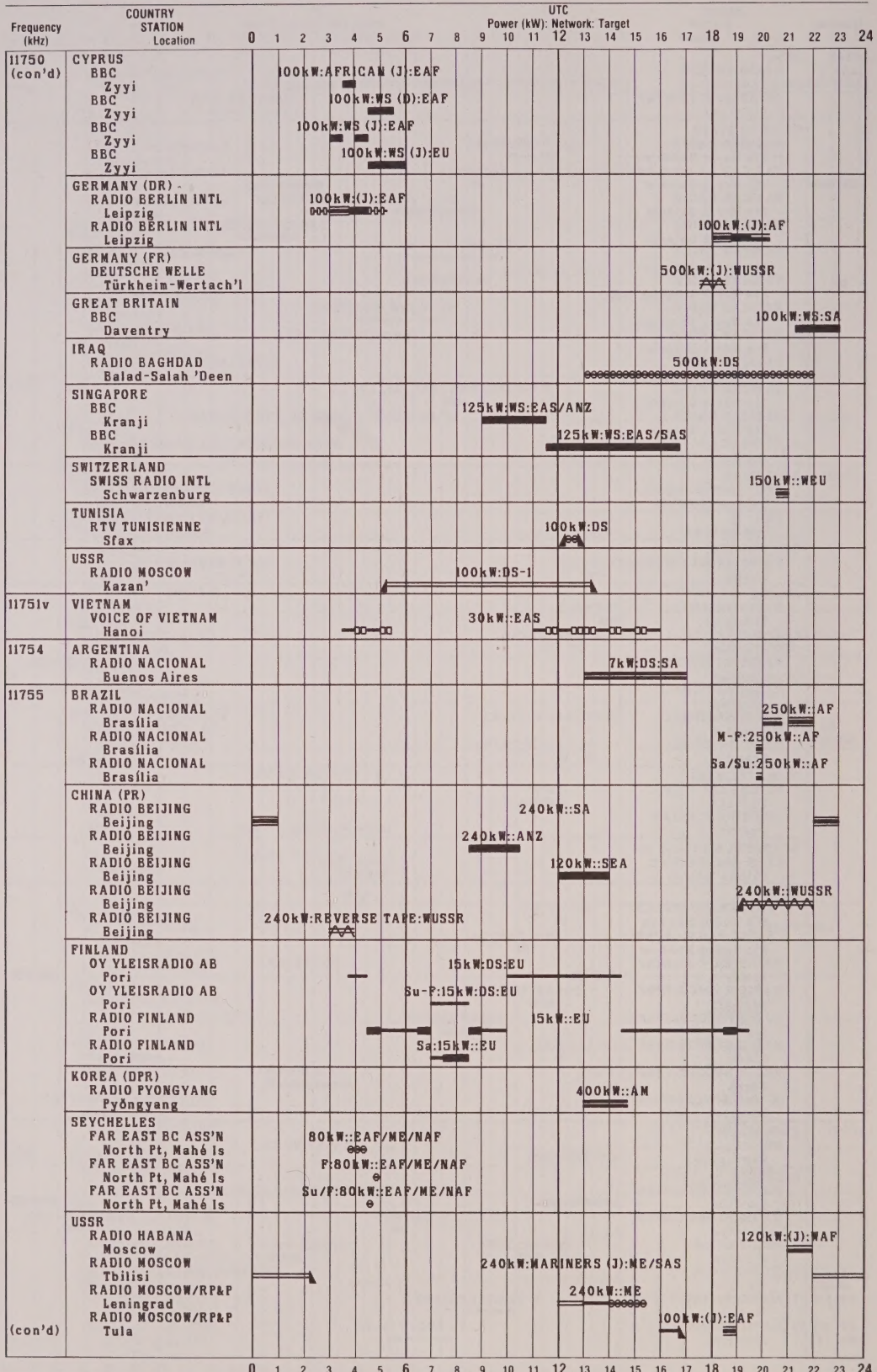

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11715 (con'd)
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
Su:500kW::EEU/WUSSR
VATICAN RADIO
Sta Maria Galeria
Th:100kW::EU
11715v
ALGERIA
"VO PALESTINE"
Via RTV Algerienne
50kW::NAF/ME
RTV ALGERIENNE
Algiers
50kW:DS:NAF/ME
11720
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::PAC
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::EU/NAF/ME
RADIO SOFIA
Rebrovo-Sofia
250kW::CA/WEU
RADIO SOFIA
Rebrovo-Sofia
250kW::EU
CANADA
CANADIAN BC CORP
Sackville, NB
M-F:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
Sa:100kW:DS-NORTHERN
CANADIAN BC CORP
Sackville, NB
Su:100kW:DS-NORTHERN
CYPRUS
BBC
Zyyi
250kW::ME
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WAF/SA
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW::NAF
HOLLAND
RADIO NEDERLAND
Flevoland
500kW::ME
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::EAF
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
25kW::EAF/CAF
USSR
RADIO KIEV
L'vov
500kW:(J):ENA/CA
RADIO MOSCOW
Yerevan
100kW:DS-2
RADIO MOSCOW/RP&P
L'vov
500kW:(J):ENA/CA
RADIO MOSCOW/RP&P
L'vov
500kW:WS (J):ENA/CA
RADIO MOSCOW/RP&P
Tula
240kW::SAS
RADIO VILNIUS
L'vov
500kW:(J):ENA/CA
11725
CHINA (PR)
RADIO BEIJING
Baoding
120kW::SEA
RADIO BEIJING
Baoding
120kW:(D):SEA
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
Baoding, China(PR)
120kW:PRO-POL POT (J):SEA
CUBA
RADIO HABANA
Havana
50kW::WNA
GERMANY (FR)
RFE-RL
Lampertheim
100kW::WUSSR
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
250kW::SA/EAS
PHILIPPINES
RADIO VERITAS ASIA
Malolos
100kW::SEA
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:250kW::EEU
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

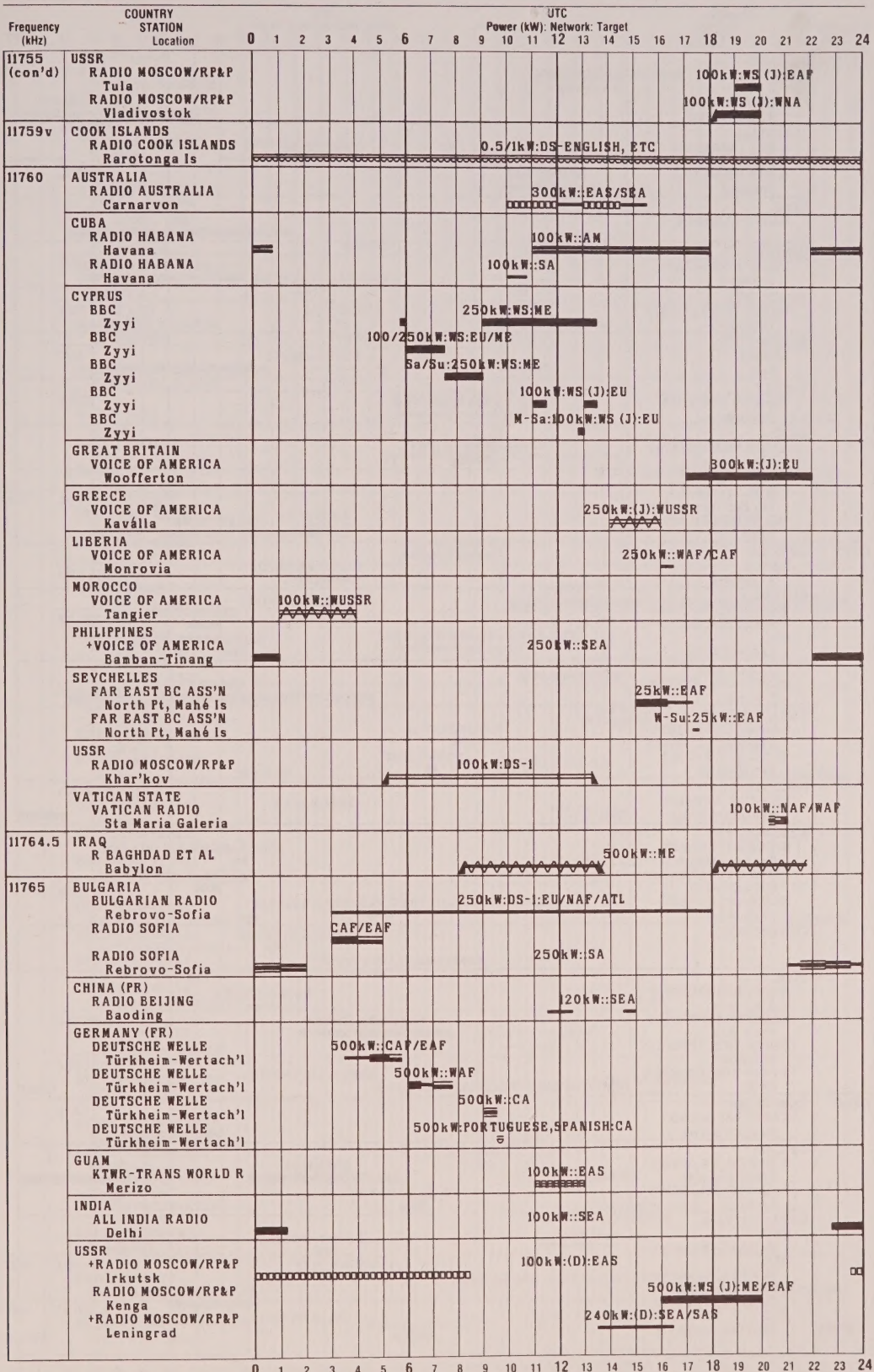

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11725 (con'd)
USSR
RADIO MOSCOW/RP&P Kazan'
100kW::(D):ME/EAF/SAF
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
100kW::EAF/ME
VATICAN RADIO Sta Maria Galeria
M-Sa:100kW::AF
11730
HOLLAND
RADIO NEDERLAND Flevoland
500kW::EU
RADIO NEDERLAND Flevoland
500kW::EU/ME
RADIO NEDERLAND Flevoland
500kW::WAF
RADIO NEDERLAND Flevoland
500kW::AN
RADIO NEDERLAND Flevoland
500kW::(D):ME/EAF
INDIA
ALL INDIA RADIO Delhi
100kW::SAS
ALL INDIA RADIO Delhi
100kW:DS-ENGLISH, ETC
PHILIPPINES
RADIO VERITAS ASIA Malolos
100kW::SAS
PORTUGAL
RADIO RENASCENCA Muge
100kW::SA
RWANDA
DEUTSCHE WELLE Kigali
250kW::CA
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
350kW::SAS
BS OF THE KINGDOM Riyadh
350kW:DS-GENERAL (J)
BS OF THE KINGDOM Riyadh
350kW:DS-KORAN:ME/WUSSR
SPAIN
R EXTERIOR ESPANA Noblejas
350kW::ANZ/CA
TUNISIA
RTV TUNISIENNE Sfax
100kW::EU
UNITED ARAB EMIRATES
UAE RADIO Dubai
300kW::ENA/WEU
USSR
RADIO MOSCOW/RP&P Chita
240kW:(J):EAS
RADIO MOSCOW/RP&P Chita
240kW:WS (J):SAS
RADIO MOSCOW/RP&P Khabarovsk
100kW:(J):EAS
RADIO TIKHIY OKEAN Khabarovsk
100kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN Khabarovsk
Sa:100kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN Khabarovsk
Su-F:100kW:MARINERS (J):PAC
11735
BULGARIA
+RADIO SOFIA Plovdiv
500kW::(D):EU
RADIO SOFIA Rebrovo-Sofia
250kW::AF
RADIO SOFIA Rebrovo-Sofia
250kW::(D):AF
GUAM
KTWR-TRANS WORLD R Merizo
100kW::ANZ
KTWR-TRANS WORLD R Merizo
100kW::SEA/EAS
IRAN
VO THE ISLAMIC REP Tehrân
100kW::SAS
VO THE ISLAMIC REP Tehrân
100kW::ME/NAF
MADAGASCAR
+RADIO NEDERLAND Antananarivo
300kW::(D):SEA
+RADIO NEDERLAND Antananarivo
300kW::SAS
NORTHERN MARIANA IS
KFBS-FAR EAST BC Saipan Island
100kW::SEA
SWAZILAND
TRANS WORLD RADIO Manzini
ME/SAS
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

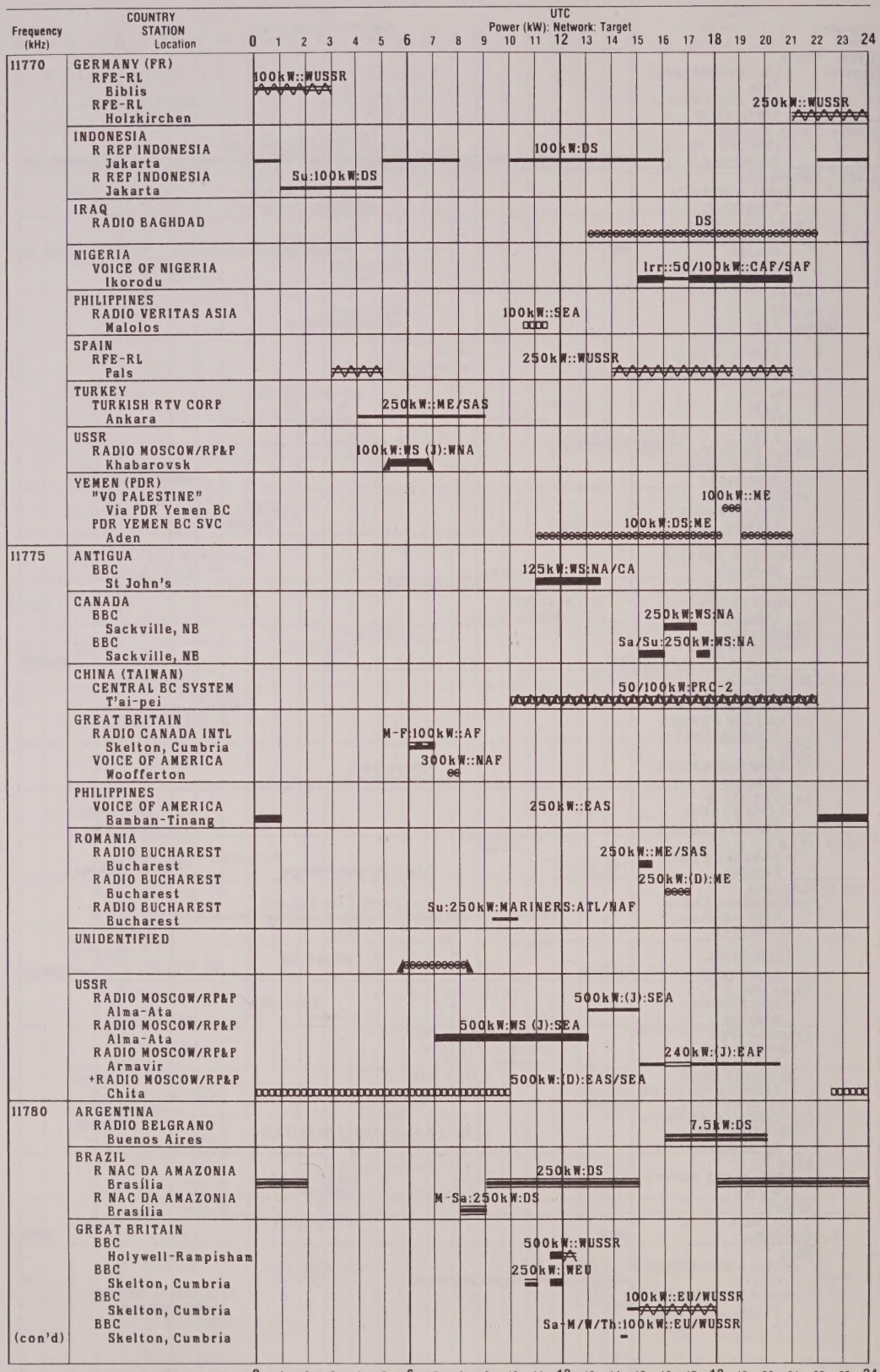
Frequency (kHz)	COUNTRY STATION Location	UTC Power (kW): Network: Target
11735 (con'd)	URUGUAY RADIO MONTE CARLO Montevideo	1.5kW:DS
	USSR RADIO KIEV Vinnitsa RADIO MOSCOW/RP&P Serpukhov RADIO MOSCOW/RP&P Vinnitsa RADIO MOSCOW/RP&P Vinnitsa	500kW:(J):ENA/CA 240kW:(J):EEU/WAF 500kW:N AMERICAN (J):ENA/CA 500kW:WS (J):EU
	YUGOSLAVIA DS-VARIOUS Belgrade RADIO YUGOSLAVIA Belgrade RADIO YUGOSLAVIA Belgrade RADIO YUGOSLAVIA Belgrade RADIO YUGOSLAVIA Belgrade	Sa/Su:100kW::MEU 100kW::SA/WAF 100kW::USSR 100kW::NAF/WAF 100kW::AF
11740	CYPRUS BBC Zyyi	250kW::ME
	ECUADOR HCJB-VO THE ANDES Quito	100kW::CA/ENA
	GERMANY (FR) VOICE OF AMERICA Ismaning	100kW::WUSSR
	GREECE VOICE OF AMERICA Kaválla VOICE OF AMERICA Kaválla VOICE OF AMERICA Rhodes	250kW:(J):USSR 250kW:(J):ME 50kW:(J):ME
	HOLLAND RADIO NEDERLAND Flevoland	500kW::WAF/CAF
	MADAGASCAR RADIO NEDERLAND Antananarivo	300kW::WAF/CAF
	NORTHERN MARIANA IS KFBS-FAR EAST BC Saipan Island	100kW::EAS
	OMAN BBC Maşirah BBC Maşirah BBC Maşirah BBC Maşirah BBC Maşirah	100kW::ME/SAS 100kW::SAS 100kW::ME F/Sa:100kW::ME/SAS 100kW:(D):ME/NAF
	PHILIPPINES FAR EAST BC CO Bocaue VOICE OF AMERICA Bamban-Tinang	50kW::SEA 250kW::EAF
	PORTUGAL RADIO PORTUGUESA Lisbon-São Gabriel	100kW::EU
	ROMANIA RADIO BUCHAREST Bucharest RADIO BUCHAREST Bucharest RADIO BUCHAREST Bucharest RADIO BUCHAREST Bucharest	250kW::SAS/SEA 250kW::ME 250kW::NAF/ME 250kW::WUSSR
	SAUDI ARABIA BS OF THE KINGDOM Riyadh	350kW:DS-GENERAL:EU
	USA UNITED NATIONS R Greenville, NC VOICE OF AMERICA Delano, California VOICE OF AMERICA Greenville, NC VOICE OF AMERICA Greenville, NC VOICE OF AMERICA Greenville, NC	Sa:50kW::WAF/CAF 250kW::CA/SA M-F:250kW:FEED:CA/SA M-F:250kW:FEED/ENG,FR:CA/SA M-F:250kW:FEED/SP,PORT:CA/SA
(con'd)		

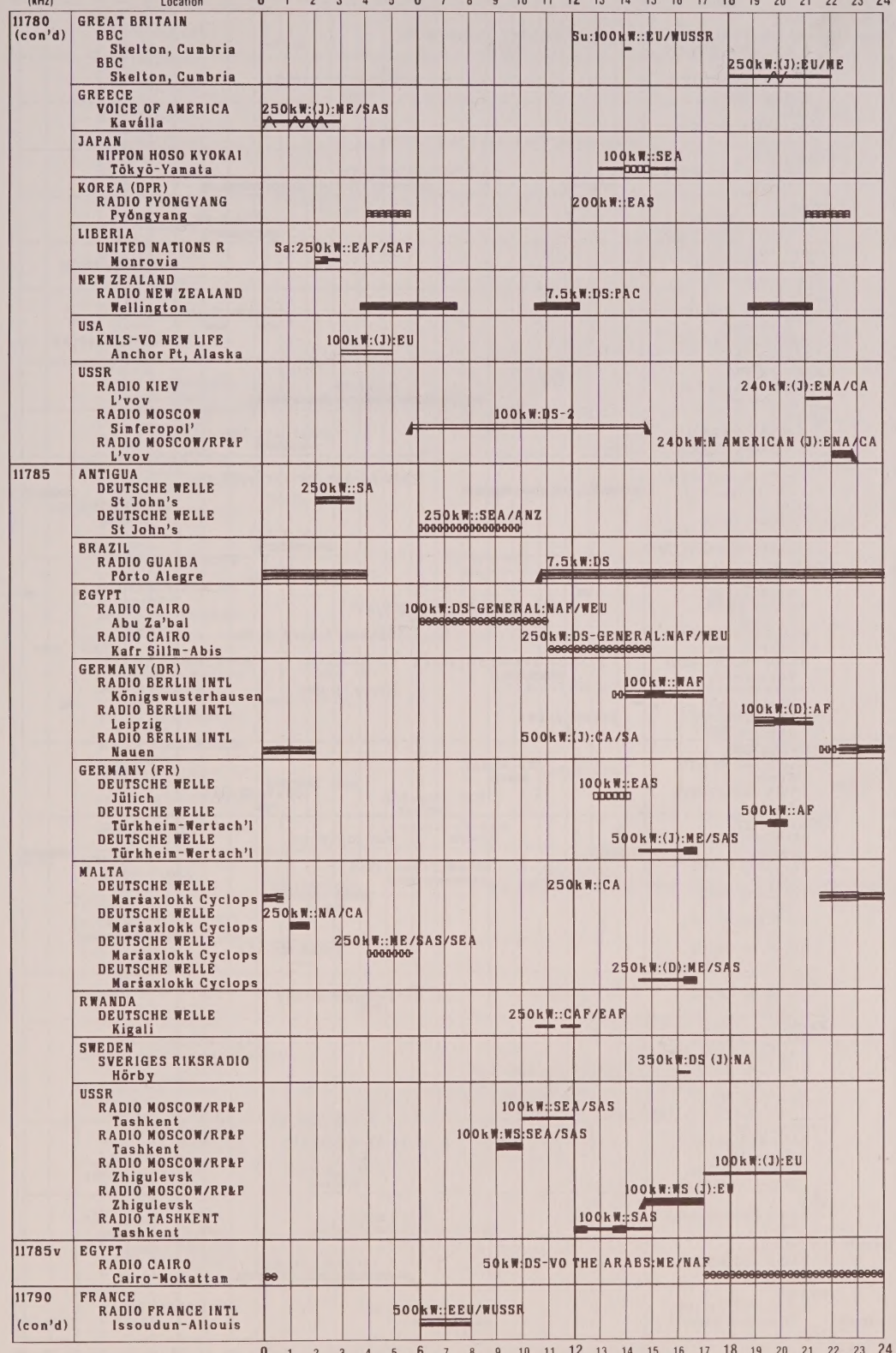
ENGLISH — GERMAN/DEUTSCH — FRENCH/FRANÇAIS — PORTUGUESE/PORTUGUÊS — SPANISH/ESPAÑOL
ARABIC/عربي — RUSSIAN/РУССКИЙ — CHINESE/中文 — JAPANESE/日本語 — MULTILINGUAL — OTHER
SUMMER ONLY (J) — WINTER ONLY (D) — JAMMING ⋀⋀ or / — FADE-IN — FADE-OUT — + TENTATIVE

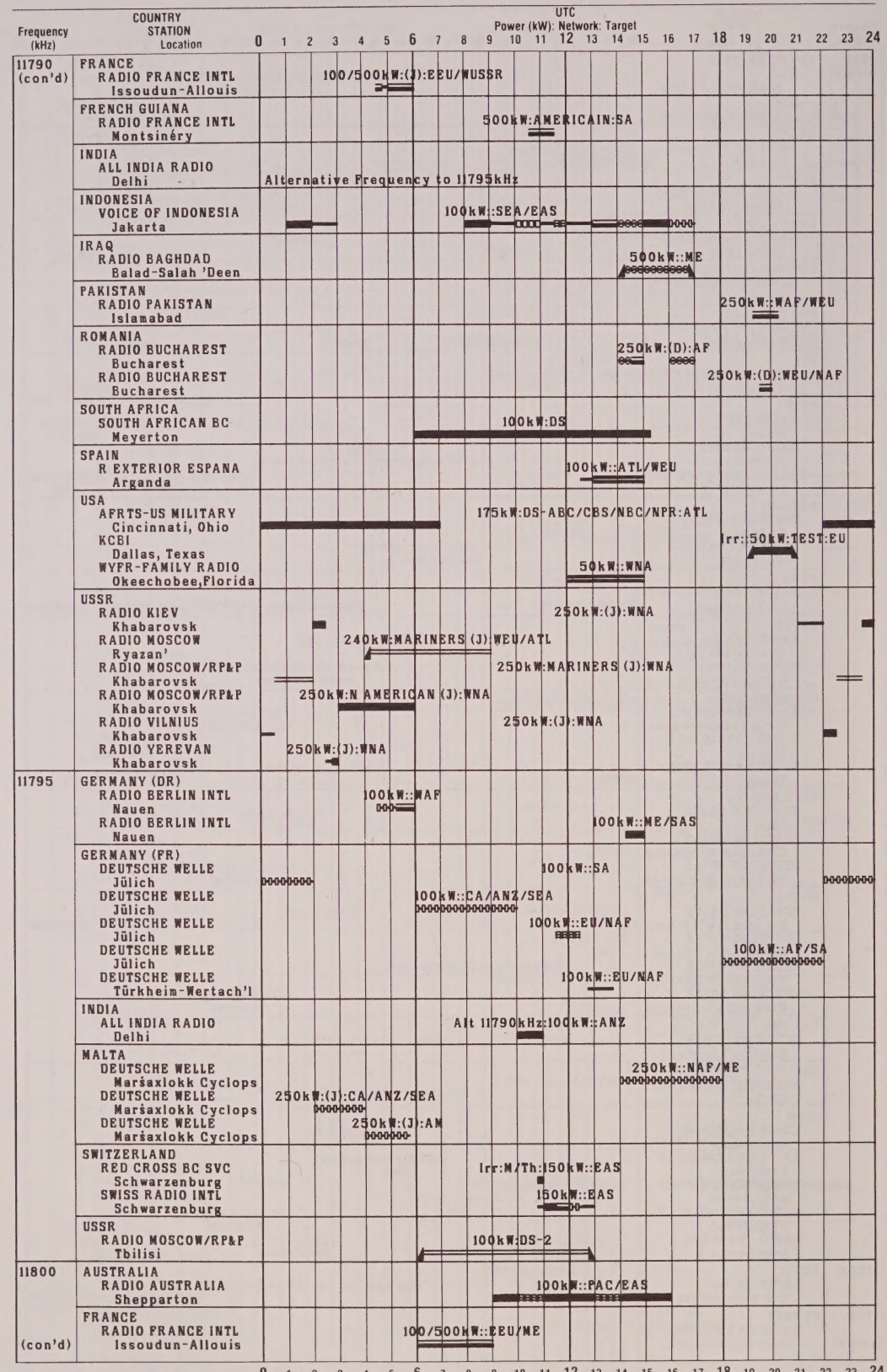

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11740 (con'd)
USSR
RADIO MOSCOW Novosibirsk
50kW:DS-1
RADIO MOSCOW/RP&P Tashkent
100kW:(D):SAS
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
100kW::EU/WUSSR
VATICAN RADIO Sta Maria Galeria
100kW::EU
VATICAN RADIO Sta Maria Galeria
100kW::WEU/NAF
VATICAN RADIO Sta Maria Galeria
100kW::EU/NAF
VATICAN RADIO Sta Maria Galeria
100kW::EEU
VATICAN RADIO Sta Maria Galeria
Su:100kW::EU
VATICAN RADIO Sta Maria Galeria
Su:100kW::EU/WUSSR
VATICAN RADIO Sta Maria Galeria
Su:100kW::WEU/NAF
VATICAN RADIO Sta Maria Galeria
Su:100kW::EU/NAF
VATICAN RADIO Sta Maria Galeria
M-Sa:100kW:FR, ENG, SP, ETC:EU
VATICAN RADIO Sta Maria Galeria
M-Sa:100kW:FR, ENG, SP, ETC:WEU/NAF
VATICAN RADIO Sta Maria Galeria
M-Sa:100kW:FR, ENG, SP, ETC:EU/NAF
11745
ASCENSION
BBC Georgetown
125kW:AFRICAN (J):WAF/SAF
BBC Georgetown
125kW:WS (J):WAF/SAF
BANGLADESH
RADIO BANGLADESH Dhaka
100kW::SAS
BRAZIL
RADIO NACIONAL Brasília
250kW::SA
RADIO NACIONAL Brasília
250kW::CA/NA
RADIO NACIONAL Brasília
M-F:250kW::SA
RADIO NACIONAL Brasília
Sa/Su:250kW::SA
RADIO NACIONAL Brasília
Su/M:250kW::CA/NA
RADIO NACIONAL Brasília
Tu-Sa:250kW::CA/NA
CHINA (TAIWAN)
VOICE FREE CHINA T'ai-pei
SEA
VOICE FREE CHINA T'ai-pei
EAS
NORTHERN MARIANA IS
KFBS-FAR EAST BC Saipan Island
100kW::EAS
USSR
"RADIO MAGALLANES" Via Radio Moscow
500kW::SA
"RADIO MAGALLANES" Via Radio Moscow
500kW:(D):SA
RADIO MOSCOW/RP&P Armavir
500kW::SA
RADIO MOSCOW/RP&P Armavir
500kW:(D):SA
RADIO MOSCOW/RP&P Minsk
240kW:(D):WAF
RADIO MOSCOW/RP&P Minsk
240kW:(J):WAF
RADIO MOSCOW/RP&P Minsk
240kW:WS:WAF
+RADIO MOSCOW/RP&P Vinnitsa
100kW:(D):WEU/WAF
11750
ASCENSION
BBC Georgetown
250kW:WS:SA
BULGARIA
RADIO MOSCOW/RP&P Plovdiv
500kW:N AMERICAN (J):NA
RADIO MOSCOW/RP&P Plovdiv
500kW:WS(J):NA
RADIO SOFIA Plovdiv
500kW:(J):NA
RADIO SOFIA Plovdiv
500kW:(J):EU
RADIO SOFIA Plovdiv
M-Sa:500kW:(J):EU
RADIO SOFIA Plovdiv
Su:500kW:(J):EU
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

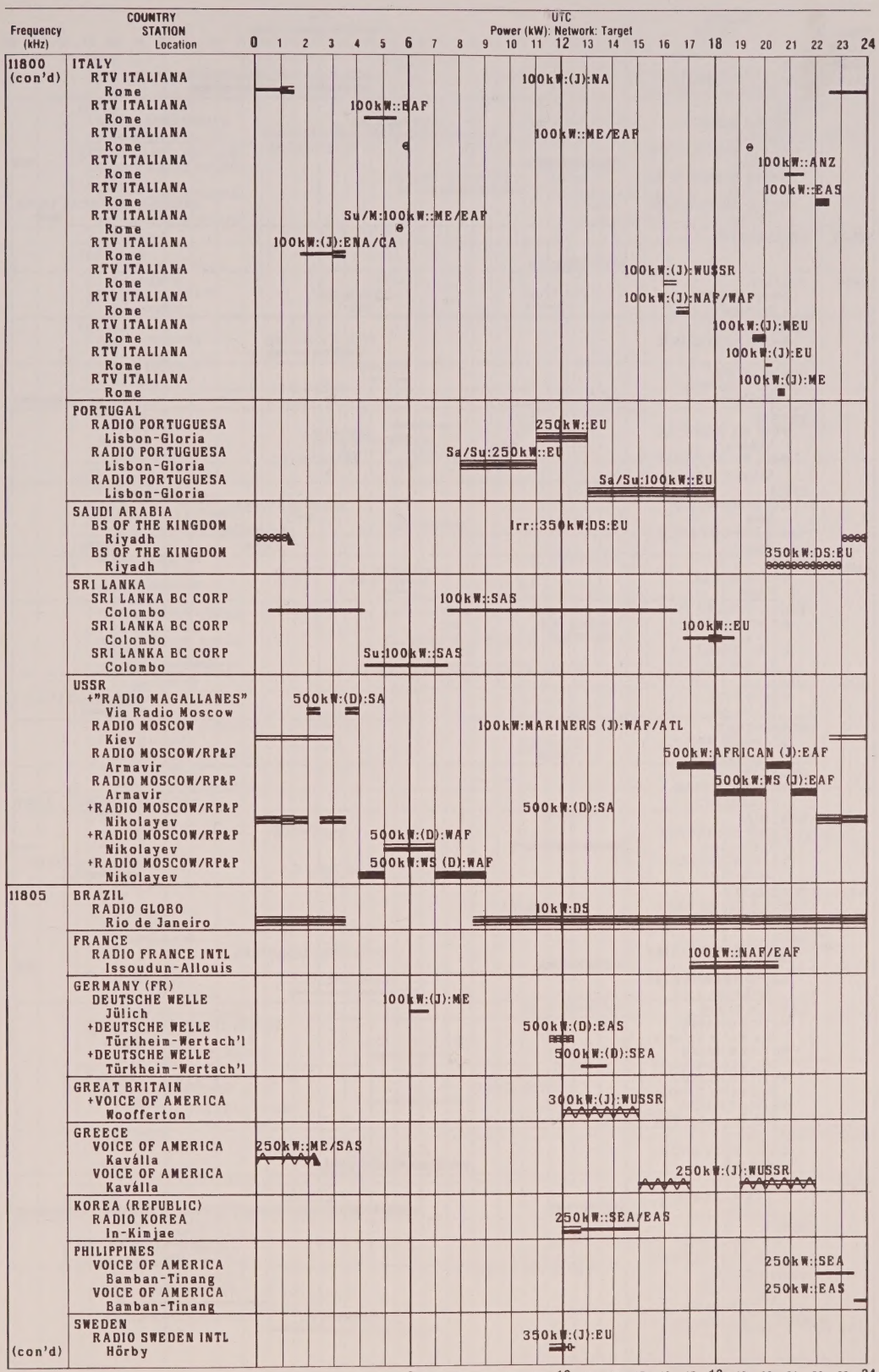

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11750 (con'd)
CYPRUS
BBC Zyyi
100kW:AFRICAN (J):EAF
BBC Zyyi
100kW:WS (D):EAF
BBC Zyyi
100kW:WS (J):EAF
BBC Zyyi
100kW:WS (J):EU
GERMANY (DR) -
RADIO BERLIN INTL Leipzig
100kW:(J):EAF
RADIO BERLIN INTL Leipzig
100kW:(J):AF
GERMANY (FR)
DEUTSCHE WELLE Türkheim-Wertach'l
500kW:(J):WUSSR
GREAT BRITAIN
BBC Daventry
100kW:WS:SA
IRAQ
RADIO BAGHDAD Balad-Salah 'Deen
500kW:DS
SINGAPORE
BBC Kranji
125kW:WS:EAS/ANZ
BBC Kranji
125kW:WS:EAS/SAS
SWITZERLAND
SWISS RADIO INTL Schwarzenburg
150kW::WEU
TUNISIA
RTV TUNISIENNE Sfax
100kW:DS
USSR
RADIO MOSCOW Kazan'
100kW:DS-1
11751v
VIETNAM
VOICE OF VIETNAM Hanoi
30kW::EAS
11754
ARGENTINA
RADIO NACIONAL Buenos Aires
7kW:DS:SA
11755
BRAZIL
RADIO NACIONAL Brasília
250kW::AF
RADIO NACIONAL Brasília
M-F:250kW::AF
RADIO NACIONAL Brasília
Sa/Su:250kW::AF
CHINA (PR)
RADIO BEIJING Beijing
240kW::SA
RADIO BEIJING Beijing
240kW::ANZ
RADIO BEIJING Beijing
120kW::SEA
RADIO BEIJING Beijing
240kW::WUSSR
RADIO BEIJING Beijing
240kW:REVERSE TAPE:WUSSR
FINLAND
OY YLEISRADIO AB Pori
15kW:DS:EU
OY YLEISRADIO AB Pori
Su-F:15kW:DS:EU
RADIO FINLAND Pori
15kW::EU
RADIO FINLAND Pori
Sa:15kW::EU
KOREA (DPR)
RADIO PYONGYANG Pyŏngyang
400kW::AM
SEYCHELLES
FAR EAST BC ASS'N North Pt, Mahé Is
80kW::EAF/ME/NAF
FAR EAST BC ASS'N North Pt, Mahé Is
F:80kW::EAF/ME/NAF
FAR EAST BC ASS'N North Pt, Mahé Is
Su/F:80kW::EAF/ME/NAF
USSR
RADIO HABANA Moscow
120kW:(J):WAF
RADIO MOSCOW Tbilisi
240kW:MARINERS (J):ME/SAS
RADIO MOSCOW/RP&P Leningrad
240kW::ME
RADIO MOSCOW/RP&P Tula
100kW:(J):EAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11755 (con'd)
USSR
RADIO MOSCOW/RP&P Tula
RADIO MOSCOW/RP&P Vladivostok
100kW:WS (J):EAF
100kW:WS (J):WNA
11759v
COOK ISLANDS
RADIO COOK ISLANDS Rarotonga Is
0.5/1kW:DS-ENGLISH, ETC
11760
AUSTRALIA
RADIO AUSTRALIA Carnarvon
300kW::EAS/SEA
CUBA
RADIO HABANA Havana
RADIO HABANA Havana
100kW::AM
100kW::SA
CYPRUS
BBC Zyyi
BBC Zyyi
BBC Zyyi
BBC Zyyi
BBC Zyyi
250kW:WS:ME
100/250kW:WS:EU/ME
Sa/Su:250kW:WS:ME
100kW:WS (J):EU
M-Sa:100kW:WS (J):EU
GREAT BRITAIN
VOICE OF AMERICA Woofferton
300kW:(J):EU
GREECE
VOICE OF AMERICA Kaválla
250kW:(J):WUSSR
LIBERIA
VOICE OF AMERICA Monrovia
250kW::WAF/CAF
MOROCCO
VOICE OF AMERICA Tangier
100kW::WUSSR
PHILIPPINES
+VOICE OF AMERICA Bamban-Tinang
250kW::SEA
SEYCHELLES
FAR EAST BC ASS'N North Pt, Mahé Is
FAR EAST BC ASS'N North Pt, Mahé Is
25kW::EAF
M-Su:25kW::EAF
USSR
RADIO MOSCOW/RP&P Khar'kov
100kW:DS-1
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
100kW::NAF/WAF
11764.5
IRAQ
R BAGHDAD ET AL Babylon
500kW::ME
11765
BULGARIA
BULGARIAN RADIO Rebrovo-Sofia
RADIO SOFIA
RADIO SOFIA Rebrovo-Sofia
250kW:DS-1:EU/NAF/ATL
CAF/EAF
250kW::SA
CHINA (PR)
RADIO BEIJING Baoding
120kW::SEA
GERMANY (FR)
DEUTSCHE WELLE Türkheim-Wertach'l
DEUTSCHE WELLE Türkheim-Wertach'l
DEUTSCHE WELLE Türkheim-Wertach'l
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::CAF/EAF
500kW::WAF
500kW::CA
500kW:PORTUGUESE,SPANISH:CA
GUAM
KTWR-TRANS WORLD R Merizo
100kW::EAS
INDIA
ALL INDIA RADIO Delhi
100kW::SEA
USSR
+RADIO MOSCOW/RP&P Irkutsk
RADIO MOSCOW/RP&P Kenga
+RADIO MOSCOW/RP&P Leningrad
100kW:(D):EAS
500kW:WS (J):ME/EAF
240kW:(D):SEA/SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11770
GERMANY (FR)
RFE-RL
Biblis
RFE-RL
Holzkirchen
100kW::WUSSR
250kW::WUSSR
INDONESIA
R REP INDONESIA
Jakarta
R REP INDONESIA
Jakarta
Su:100kW:DS
100kW:DS
IRAQ
RADIO BAGHDAD
DS
NIGERIA
VOICE OF NIGERIA
Ikorodu
Irr::50/100kW::CAF/SAF
PHILIPPINES
RADIO VERITAS ASIA
Malolos
100kW::SEA
SPAIN
RFE-RL
Pals
250kW::WUSSR
TURKEY
TURKISH RTV CORP
Ankara
250kW::ME/SAS
USSR
RADIO MOSCOW/RP&P
Khabarovsk
100kW:WS (J):WNA
YEMEN (PDR)
"VO PALESTINE"
Via PDR Yemen BC
PDR YEMEN BC SVC
Aden
100kW::ME
100kW:DS:ME
11775
ANTIGUA
BBC
St John's
125kW:WS:NA/CA
CANADA
BBC
Sackville, NB
BBC
Sackville, NB
250kW:WS:NA
Sa/Su:250kW:WS:NA
CHINA (TAIWAN)
CENTRAL BC SYSTEM
T'ai-pei
50/100kW:PRC-2
GREAT BRITAIN
RADIO CANADA INTL
Skelton, Cumbria
VOICE OF AMERICA
Woofferton
M-F:100kW::AF
300kW::NAF
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
ROMANIA
RADIO BUCHAREST
Bucharest
RADIO BUCHAREST
Bucharest
RADIO BUCHAREST
Bucharest
250kW::ME/SAS
250kW:(D):ME
Su:250kW:MARINERS:ATL/NAF
UNIDENTIFIED
USSR
RADIO MOSCOW/RP&P
Alma-Ata
RADIO MOSCOW/RP&P
Alma-Ata
RADIO MOSCOW/RP&P
Armavir
+RADIO MOSCOW/RP&P
Chita
500kW:(J):SEA
500kW:WS (J):SEA
240kW:(J):EAP
500kW:(D):EAS/SEA
11780
ARGENTINA
RADIO BELGRANO
Buenos Aires
7.5kW:DS
BRAZIL
R NAC DA AMAZONIA
Brasília
R NAC DA AMAZONIA
Brasília
250kW:DS
M-Sa:250kW:DS
GREAT BRITAIN
BBC
Holywell-Rampisham
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
BBC
Skelton, Cumbria
(con'd)
500kW::WUSSR
250kW::WEU
100kW::EU/WUSSR
Sa-M/W/Th:100kW::EU/WUSSR
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11780 (con'd)
GREAT BRITAIN
BBC
Skelton, Cumbria
Su:100kW::EU/WUSSR
BBC
Skelton, Cumbria
250kW:(J):EU/ME
GREECE
VOICE OF AMERICA
Kaválla
250kW:(J):ME/SAS
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW::SEA
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::EAS
LIBERIA
UNITED NATIONS R
Monrovia
Sa:250kW::EAF/SAF
NEW ZEALAND
RADIO NEW ZEALAND
Wellington
7.5kW:DS:PAC
USA
KNLS-VO NEW LIFE
Anchor Pt, Alaska
100kW:(J):EU
USSR
RADIO KIEV
L'vov
240kW:(J):ENA/CA
RADIO MOSCOW
Simferopol'
100kW:DS-2
RADIO MOSCOW/RP&P
L'vov
240kW:N AMERICAN (J):ENA/CA
11785
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::SA
DEUTSCHE WELLE
St John's
250kW::SEA/ANZ
BRAZIL
RADIO GUAIBA
Pôrto Alegre
7.5kW:DS
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-GENERAL:NAF/WEU
RADIO CAIRO
Kafr Sillm-Abis
250kW:DS-GENERAL:NAF/WEU
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::WAF
RADIO BERLIN INTL
Leipzig
100kW:(D):AF
RADIO BERLIN INTL
Nauen
500kW:(J):CA/SA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EAS
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW:(J):ME/SAS
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::CA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::NA/CA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::ME/SAS/SEA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW:(D):ME/SAS
RWANDA
DEUTSCHE WELLE
Kigali
250kW::CAF/EAF
SWEDEN
SVERIGES RIKSRADIO
Hörby
350kW:DS (J):NA
USSR
RADIO MOSCOW/RP&P
Tashkent
100kW::SEA/SAS
RADIO MOSCOW/RP&P
Tashkent
100kW:WS:SEA/SAS
RADIO MOSCOW/RP&P
Zhigulevsk
100kW:(J):EU
RADIO MOSCOW/RP&P
Zhigulevsk
100kW:WS (J):EU
RADIO TASHKENT
Tashkent
100kW::SAS
11785v
EGYPT
RADIO CAIRO
Cairo-Mokattam
50kW:DS-VO THE ARABS:ME/NAF
11790 (con'd)
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::EEU/WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11790 (con'd)
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW:(J):EEU/WUSSR
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:SA
INDIA
ALL INDIA RADIO
Delhi
Alternative Frequency to 11795kHz
INDONESIA
VOICE OF INDONESIA
Jakarta
100kW::SEA/EAS
IRAQ
RADIO BAGHDAD
Balad-Salah 'Deen
500kW::ME
PAKISTAN
RADIO PAKISTAN
Islamabad
250kW::WAF/WEU
ROMANIA
RADIO BUCHAREST
Bucharest
RADIO BUCHAREST
Bucharest
250kW:(D):AF
250kW:(D):WEU/NAF
SOUTH AFRICA
SOUTH AFRICAN BC
Meyerton
100kW:DS
SPAIN
R EXTERIOR ESPANA
Arganda
100kW::ATL/WEU
USA
AFRTS-US MILITARY
Cincinnati, Ohio
KCBI
Dallas, Texas
WYFR-FAMILY RADIO
Okeechobee,Florida
175kW:DS-ABC/CBS/NBC/NPR:ATL
Irr::50kW:TEST:EU
50kW::WNA
USSR
RADIO KIEV
Khabarovsk
RADIO MOSCOW
Ryazan'
RADIO MOSCOW/RP&P
Khabarovsk
RADIO MOSCOW/RP&P
Khabarovsk
RADIO VILNIUS
Khabarovsk
RADIO YEREVAN
Khabarovsk
250kW:(J):WNA
240kW:MARINERS (J):WEU/ATL
250kW:MARINERS (J):WNA
250kW:N AMERICAN (J):WNA
250kW:(J):WNA
250kW:(J):WNA
11795
GERMANY (DR)
RADIO BERLIN INTL
Nauen
RADIO BERLIN INTL
Nauen
100kW::WAF
100kW::ME/SAS
GERMANY (FR)
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Türkheim-Wertach'l
100kW::SA
100kW::CA/ANZ/SEA
100kW::EU/NAF
100kW::AF/SA
100kW::EU/NAF
INDIA
ALL INDIA RADIO
Delhi
Alt 11790kHz:100kW::ANZ
MALTA
DEUTSCHE WELLE
Marśaxlokk Cyclops
DEUTSCHE WELLE
Marśaxlokk Cyclops
DEUTSCHE WELLE
Marśaxlokk Cyclops
250kW::NAF/ME
250kW:(J):CA/ANZ/SEA
250kW:(J):AM
SWITZERLAND
RED CROSS BC SVC
Schwarzenburg
SWISS RADIO INTL
Schwarzenburg
Irr:M/Th:150kW::EAS
150kW::EAS
USSR
RADIO MOSCOW/RP&P
Tbilisi
100kW:DS-2
11800 (con'd)
AUSTRALIA
RADIO AUSTRALIA
Shepparton
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::PAC/EAS
100/500kW::EEU/ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11800 (con'd)
ITALY
RTV ITALIANA Rome
100kW::(J):NA
100kW::EAF
100kW::ME/EAF
100kW::ANZ
100kW::EAS
Su/M:100kW::ME/EAF
100kW:(J):ENA/CA
100kW:(J):WUSSR
100kW:(J):NAF/WAF
100kW:(J):WEU
100kW:(J):EU
100kW:(J):ME
PORTUGAL
RADIO PORTUGUESA Lisbon-Gloria
250kW::EU
Sa/Su:250kW::EU
Sa/Su:100kW::EU
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
Irr::350kW:DS:EU
350kW:DS:EU
SRI LANKA
SRI LANKA BC CORP Colombo
100kW::SAS
100kW::EU
Su:100kW::SAS
USSR
+"RADIO MAGALLANES" Via Radio Moscow
500kW:(D):SA
RADIO MOSCOW Kiev
100kW:MARINERS (J):WAF/ATL
RADIO MOSCOW/RP&P Armavir
500kW:AFRICAN (J):EAF
500kW:WS (J):EAF
+RADIO MOSCOW/RP&P Nikolayev
500kW:(D):SA
500kW:(D):WAF
500kW:WS (D):WAF
11805
BRAZIL
RADIO GLOBO Rio de Janeiro
10kW:DS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100kW::NAF/EAF
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW:(J):ME
+DEUTSCHE WELLE Türkheim-Wertach'l
500kW:(D):EAS
500kW:(D):SEA
GREAT BRITAIN
+VOICE OF AMERICA Woofferton
300kW:(J):WUSSR
GREECE
VOICE OF AMERICA Kaválla
250kW::ME/SAS
250kW:(J):WUSSR
KOREA (REPUBLIC)
RADIO KOREA In-Kimjae
250kW::SEA/EAS
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW::SEA
250kW::EAS
SWEDEN
RADIO SWEDEN INTL Hörby
350kW:(J):EU
(con'd)
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
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JAPANESE/日本語
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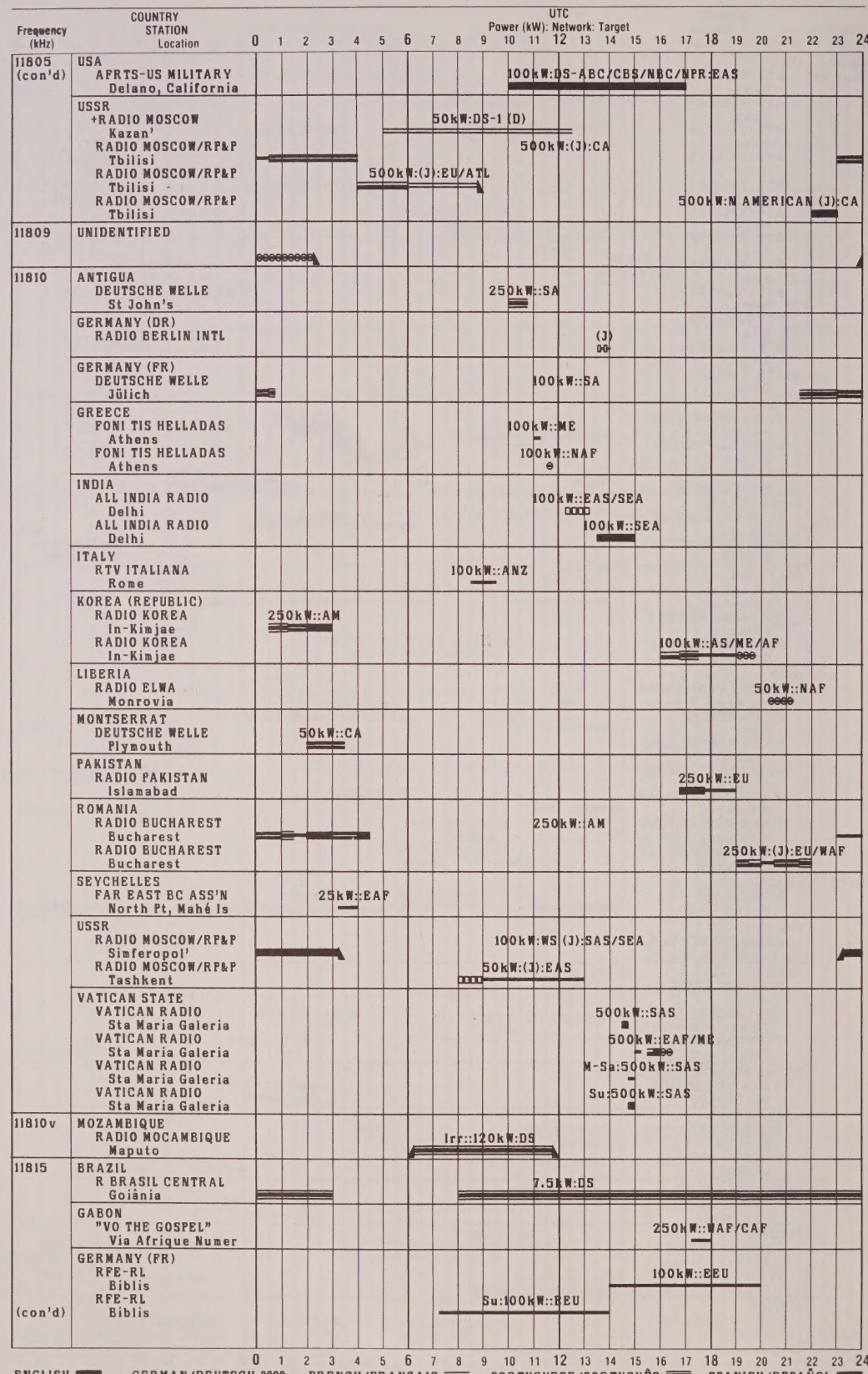
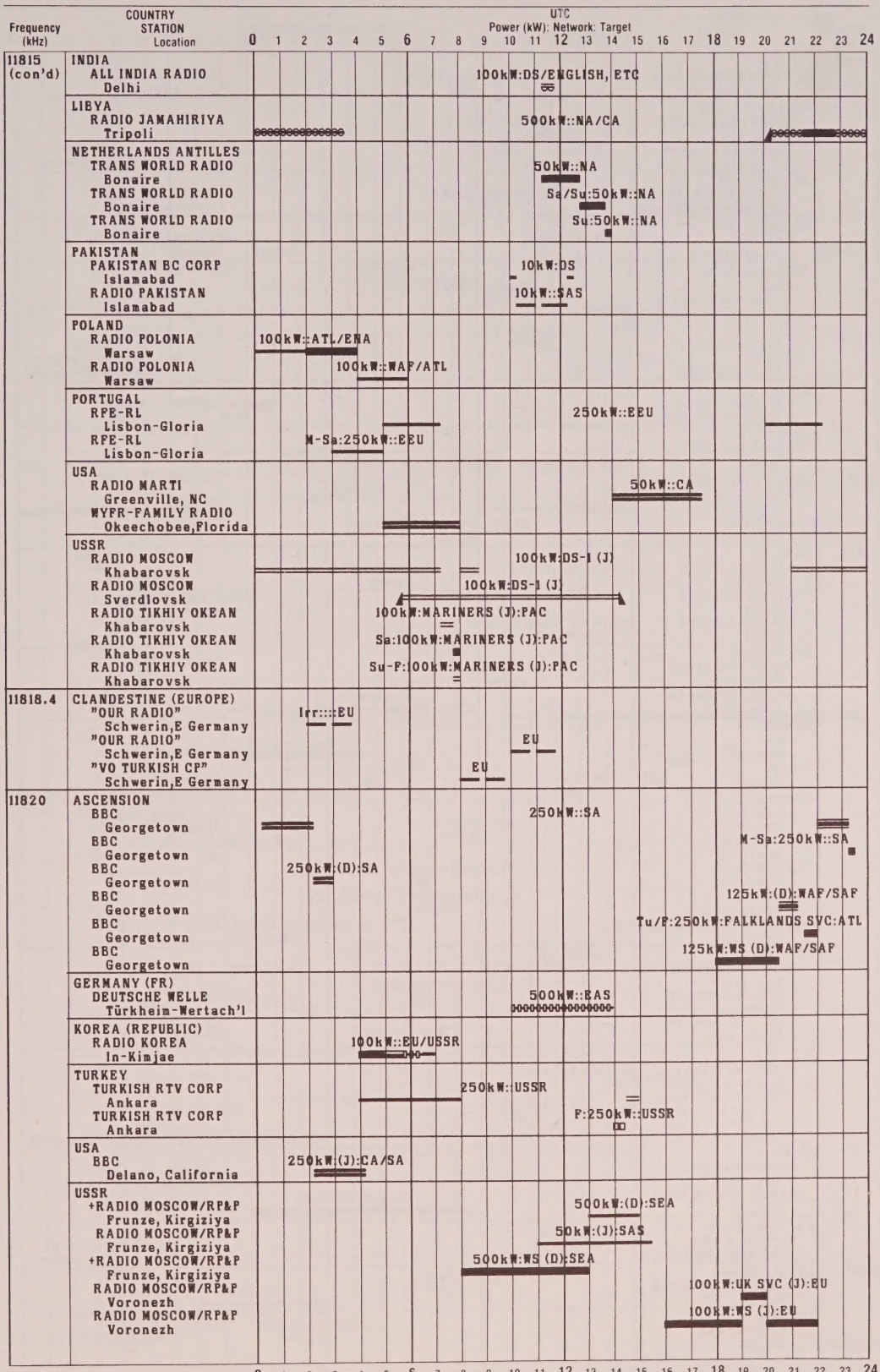
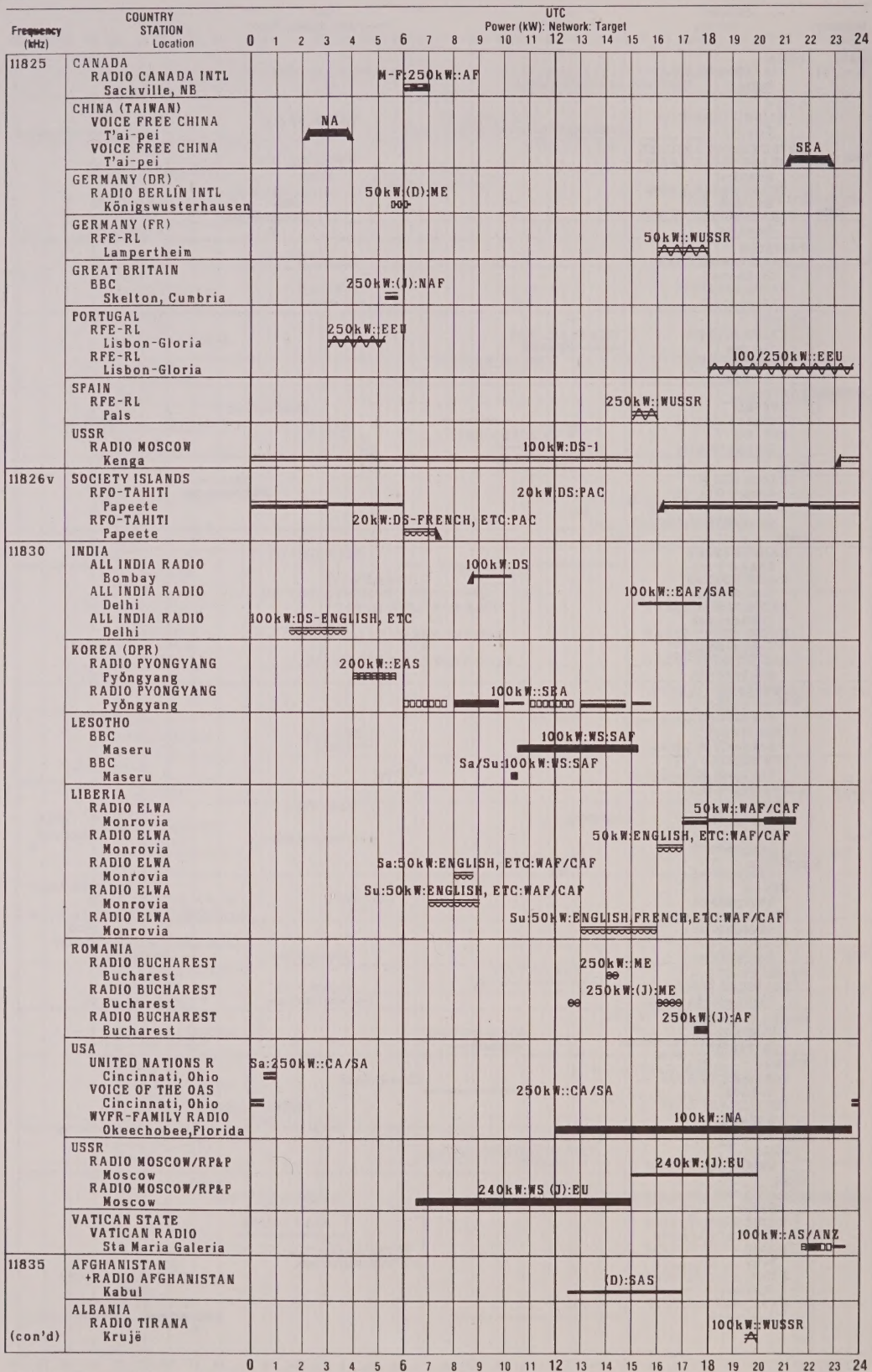
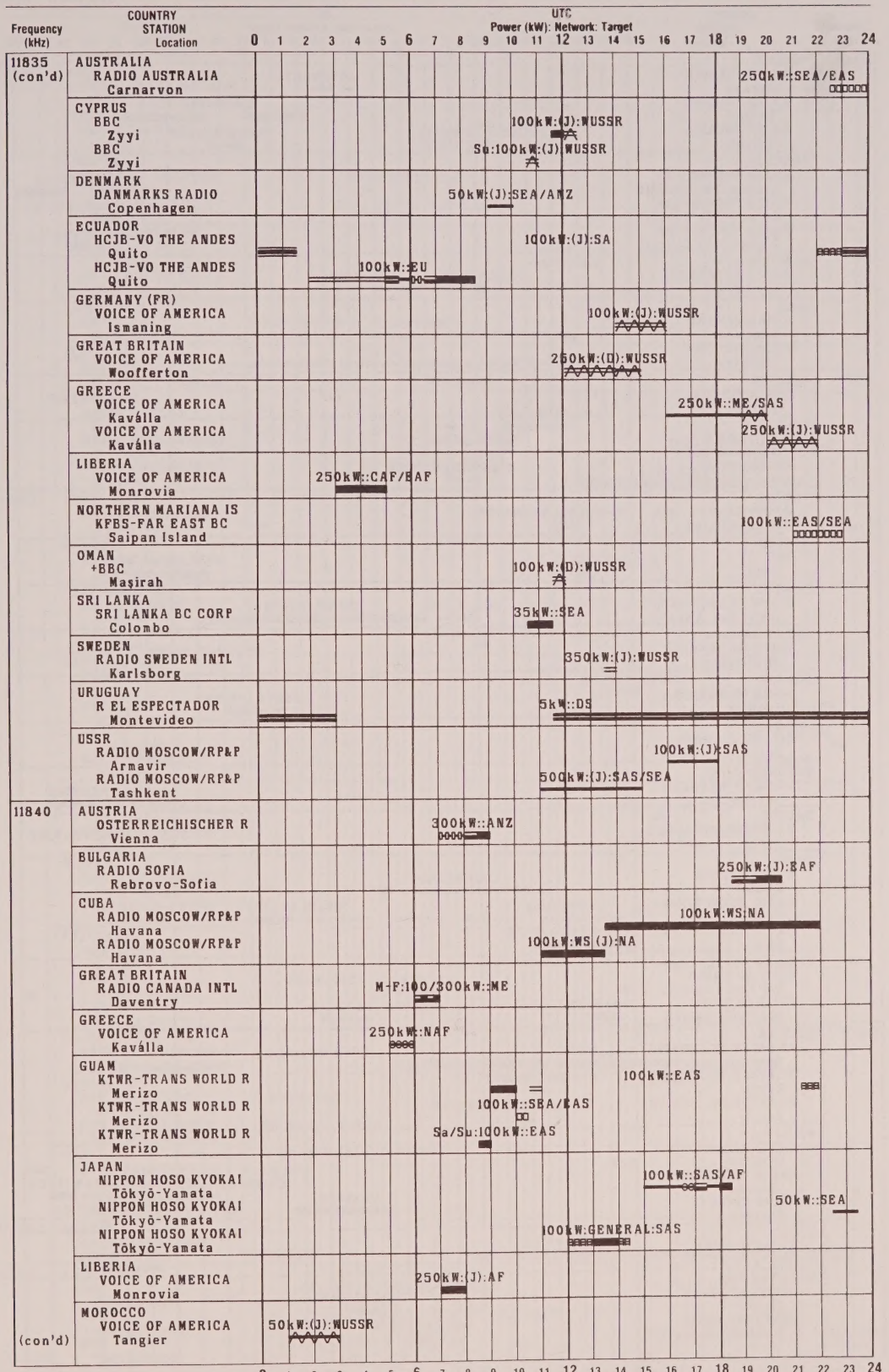
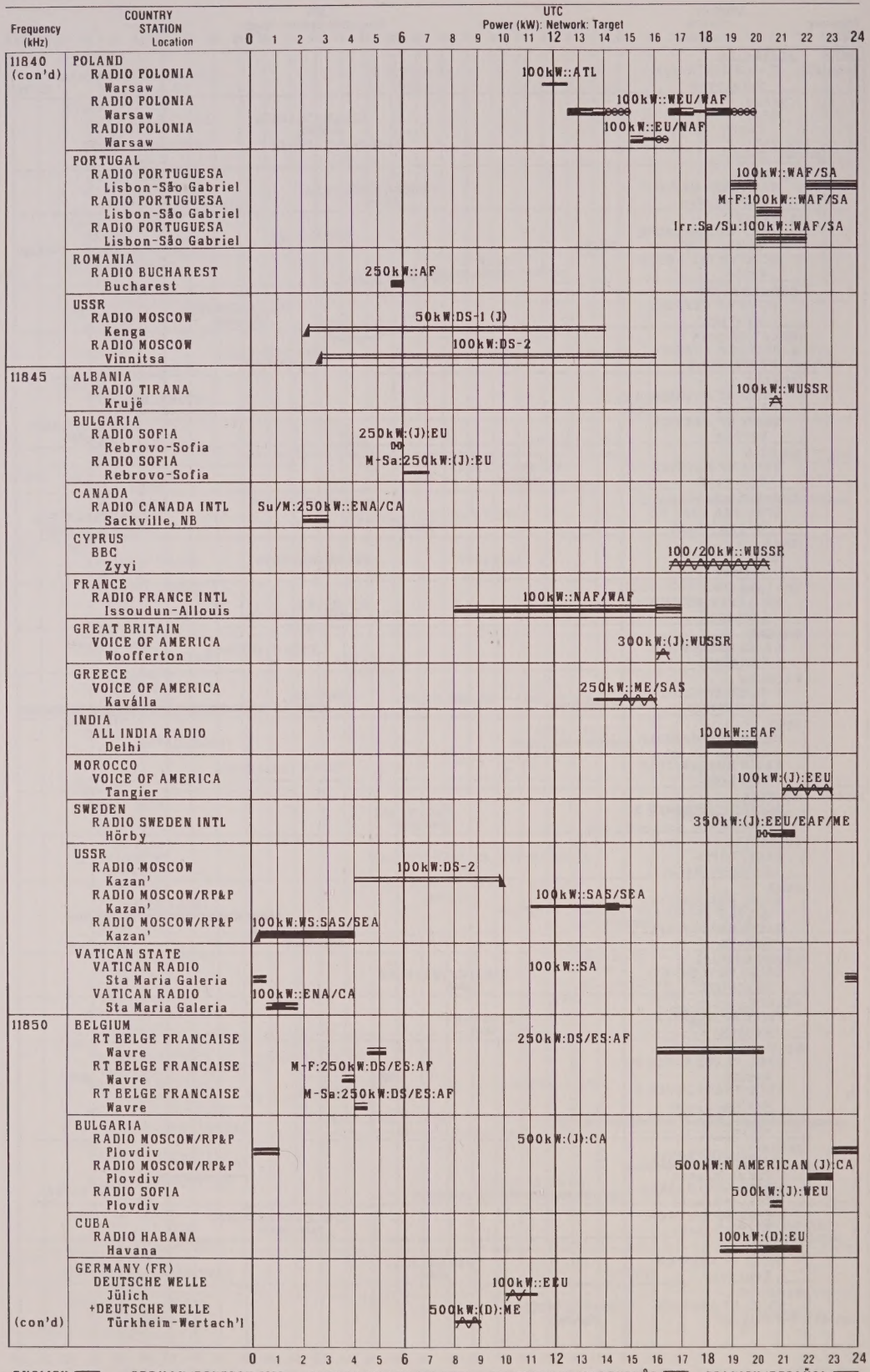
FADE-OUT
+ TENTATIVE

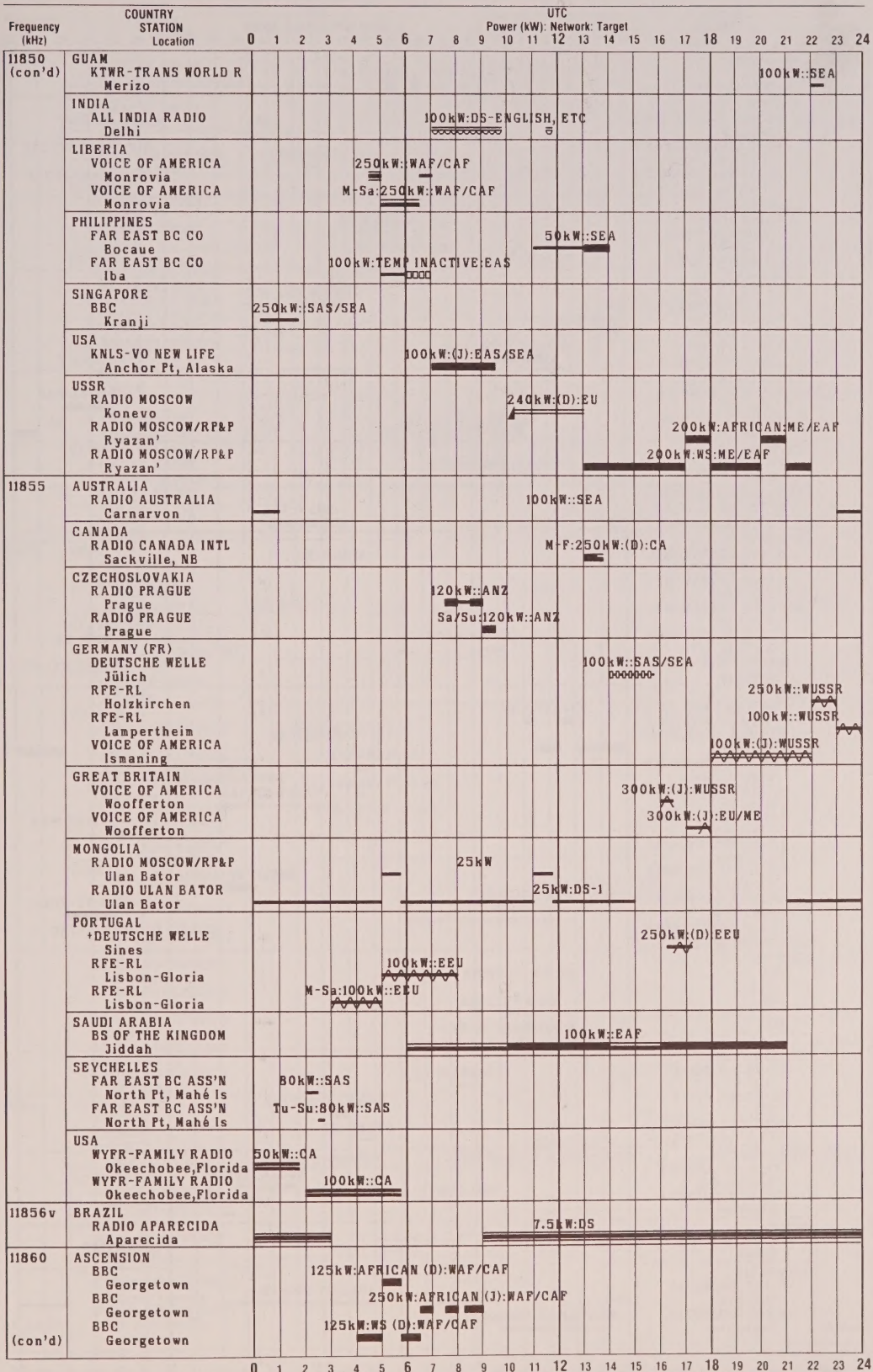

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11805 (con'd)
USA
AFRTS-US MILITARY Delano, California
100kW:DS-ABC/CBS/NBC/NPR:EAS
USSR
+RADIO MOSCOW Kazan'
50kW:DS-1 (D)
RADIO MOSCOW/RP&P Tbilisi
500kW:(J):CA
RADIO MOSCOW/RP&P Tbilisi
500kW:(J):EU/ATL
RADIO MOSCOW/RP&P Tbilisi
500kW:N AMERICAN (J):CA
11809
UNIDENTIFIED
11810
ANTIGUA
DEUTSCHE WELLE St John's
250kW::SA
GERMANY (DR)
RADIO BERLIN INTL
(J)
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW::SA
GREECE
FONI TIS HELLADAS Athens
100kW::ME
FONI TIS HELLADAS Athens
100kW::NAF
INDIA
ALL INDIA RADIO Delhi
100kW::EAS/SEA
ALL INDIA RADIO Delhi
100kW::SEA
ITALY
RTV ITALIANA Rome
100kW::ANZ
KOREA (REPUBLIC)
RADIO KOREA In-Kimjae
250kW::AM
RADIO KOREA In-Kimjae
100kW::AS/ME/AF
LIBERIA
RADIO ELWA Monrovia
50kW::NAF
MONTSERRAT
DEUTSCHE WELLE Plymouth
50kW::CA
PAKISTAN
RADIO PAKISTAN Islamabad
250kW::EU
ROMANIA
RADIO BUCHAREST Bucharest
250kW::AM
RADIO BUCHAREST Bucharest
250kW:(J):EU/WAF
SEYCHELLES
FAR EAST BC ASS'N North Pt, Mahé Is
25kW::EAF
USSR
RADIO MOSCOW/RP&P Simferopol'
100kW:WS (J):SAS/SEA
RADIO MOSCOW/RP&P Tashkent
50kW:(J):EAS
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
500kW::SAS
VATICAN RADIO Sta Maria Galeria
500kW::EAF/ME
VATICAN RADIO Sta Maria Galeria
M-Sa:500kW::SAS
VATICAN RADIO Sta Maria Galeria
Su:500kW::SAS
11810v
MOZAMBIQUE
RADIO MOCAMBIQUE Maputo
Irr::120kW:DS
11815
BRAZIL
R BRASIL CENTRAL Goiânia
7.5kW:DS
GABON
"VO THE GOSPEL" Via Afrique Numer
250kW::WAF/CAF
GERMANY (FR)
RFE-RL Biblis
100kW::EEU
RFE-RL Biblis
(con'd)
Su:100kW::EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

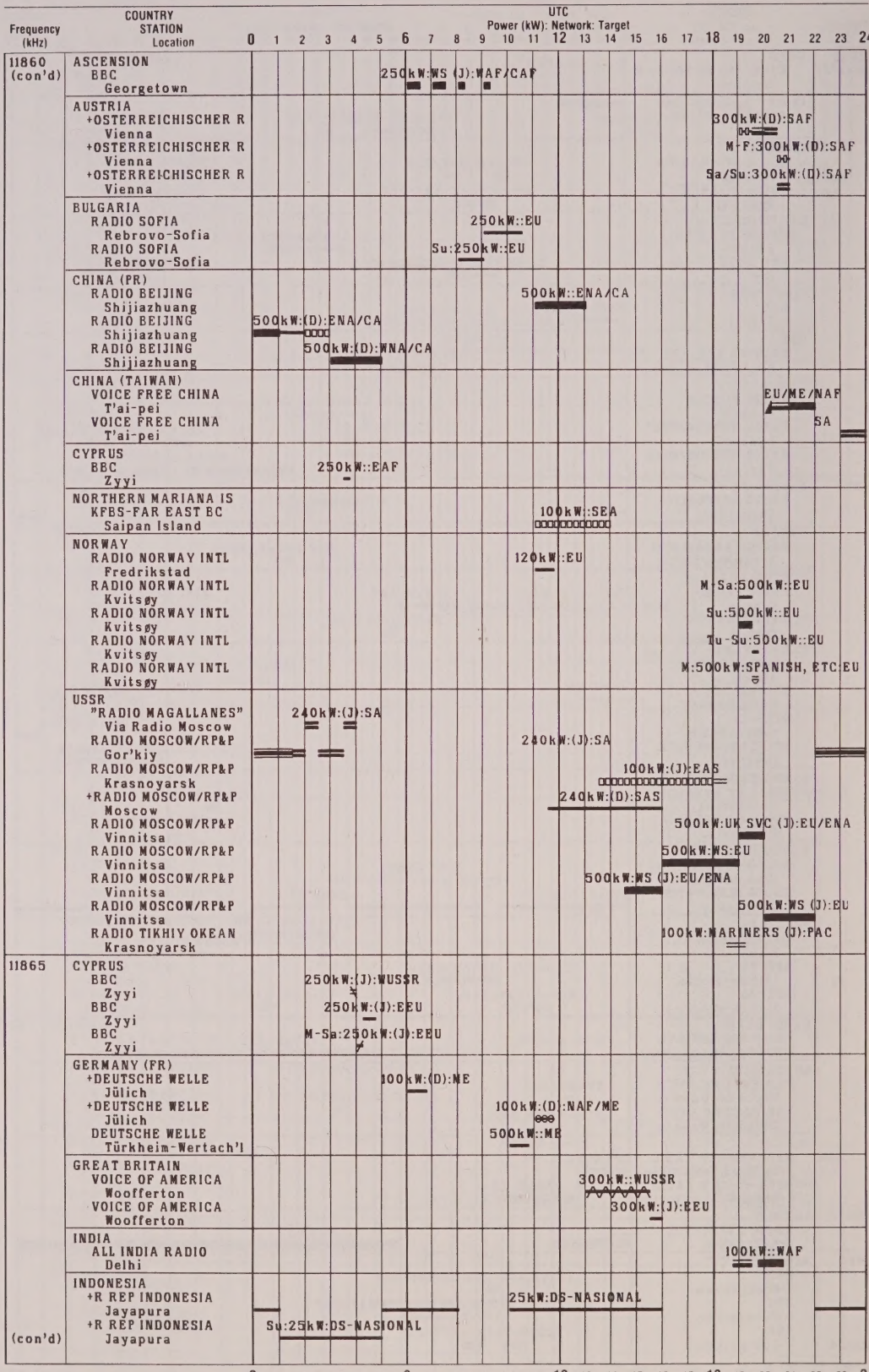

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11815 (con'd)
INDIA
ALL INDIA RADIO
Delhi
100kW:DS/ENGLISH, ETC
LIBYA
RADIO JAMAHIRIYA
Tripoli
500kW::NA/CA
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
50kW::NA
TRANS WORLD RADIO
Bonaire
Sa/Su:50kW::NA
TRANS WORLD RADIO
Bonaire
Su:50kW::NA
PAKISTAN
PAKISTAN BC CORP
Islamabad
10kW:DS
RADIO PAKISTAN
Islamabad
10kW::SAS
POLAND
RADIO POLONIA
Warsaw
100kW::ATL/ENA
RADIO POLONIA
Warsaw
100kW::WAF/ATL
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:250kW::EEU
USA
RADIO MARTI
Greenville, NC
50kW::CA
WYFR-FAMILY RADIO
Okeechobee,Florida
USSR
RADIO MOSCOW
Khabarovsk
100kW:DS-1 (J)
RADIO MOSCOW
Sverdlovsk
100kW:DS-1 (J)
RADIO TIKHIY OKEAN
Khabarovsk
100kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN
Khabarovsk
Sa:100kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN
Khabarovsk
Su-F:100kW:MARINERS (J):PAC
11818.4
CLANDESTINE (EUROPE)
"OUR RADIO"
Schwerin,E Germany
Irr::::EU
"OUR RADIO"
Schwerin,E Germany
EU
"VO TURKISH CP"
Schwerin,E Germany
EU
11820
ASCENSION
BBC
Georgetown
250kW::SA
BBC
Georgetown
M-Sa:250kW::SA
BBC
Georgetown
250kW:(D):SA
BBC
Georgetown
125kW:(D):WAF/SAF
BBC
Georgetown
Tu/F:250kW:FALKLANDS SVC:ATL
BBC
Georgetown
125kW:WS (D):WAF/SAF
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EAS
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
100kW::EU/USSR
TURKEY
TURKISH RTV CORP
Ankara
250kW::USSR
TURKISH RTV CORP
Ankara
F:250kW::USSR
USA
BBC
Delano, California
250kW:(J):CA/SA
USSR
+RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW:(D):SEA
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
50kW:(J):SAS
+RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW:WS (D):SEA
RADIO MOSCOW/RP&P
Voronezh
100kW:UK SVC (J):EU
RADIO MOSCOW/RP&P
Voronezh
100kW:WS (J):EU
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

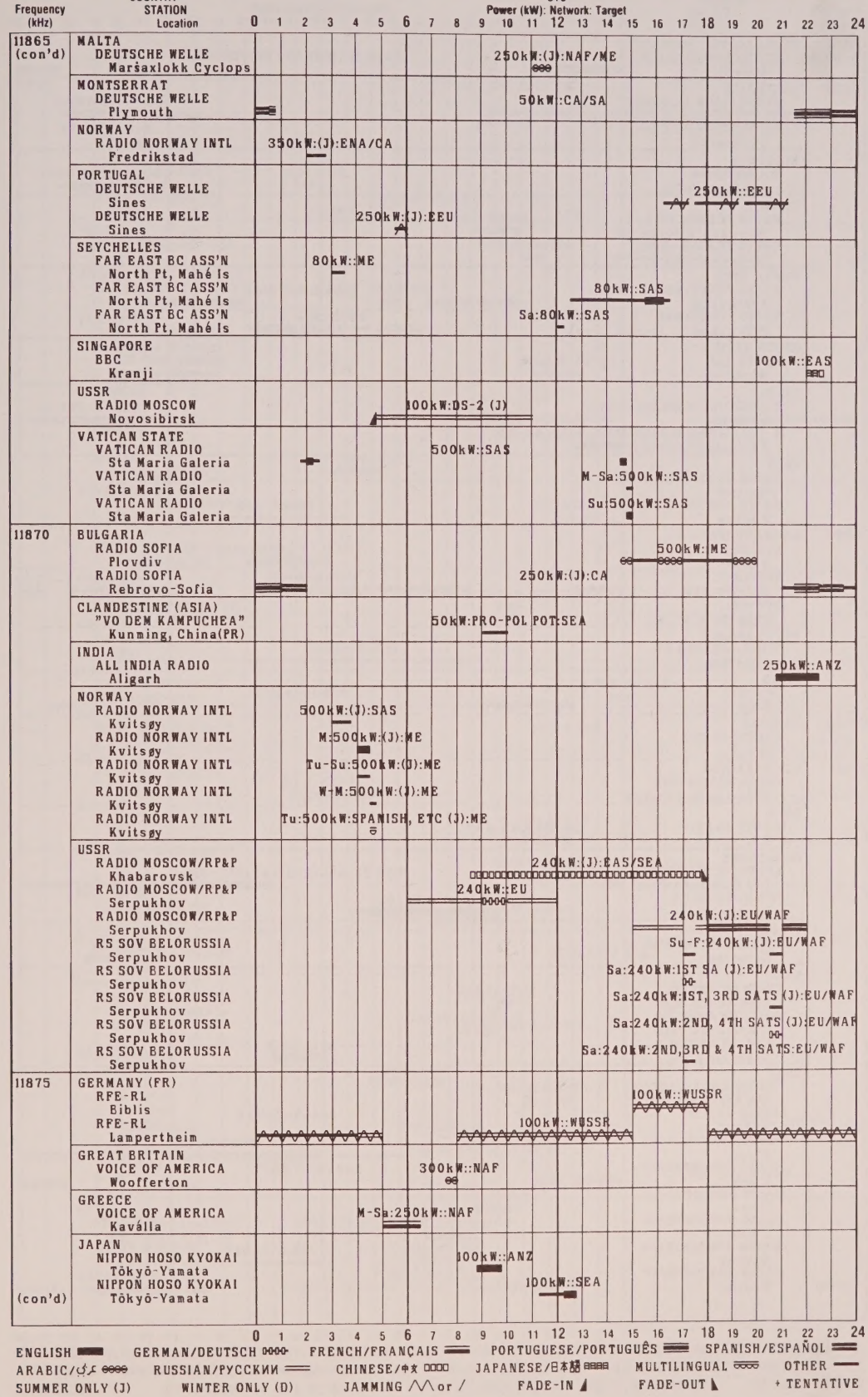

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11825
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::AF
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
NA
VOICE FREE CHINA
T'ai-pei
SEA
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
50kW:(D):ME
GERMANY (FR)
RFE-RL
Lampertheim
50kW::WUSSR
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW:(J):NAF
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
100/250kW::EEU
SPAIN
RFE-RL
Pals
250kW::WUSSR
USSR
RADIO MOSCOW
Kenga
100kW:DS-1
11826v
SOCIETY ISLANDS
RFO-TAHITI
Papeete
20kW:DS:PAC
RFO-TAHITI
Papeete
20kW:DS-FRENCH, ETC:PAC
11830
INDIA
ALL INDIA RADIO
Bombay
100kW:DS
ALL INDIA RADIO
Delhi
100kW::EAF/SAF
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::EAS
RADIO PYONGYANG
Pyŏngyang
100kW::SEA
LESOTHO
BBC
Maseru
100kW:WS:SAF
BBC
Maseru
Sa/Su:100kW:WS:SAF
LIBERIA
RADIO ELWA
Monrovia
50kW::WAF/CAF
RADIO ELWA
Monrovia
50kW:ENGLISH, ETC:WAF/CAF
RADIO ELWA
Monrovia
Sa:50kW:ENGLISH, ETC:WAF/CAF
RADIO ELWA
Monrovia
Su:50kW:ENGLISH, ETC:WAF/CAF
RADIO ELWA
Monrovia
Su:50kW:ENGLISH,FRENCH,ETC:WAF/CAF
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::ME
RADIO BUCHAREST
Bucharest
250kW:(J):ME
RADIO BUCHAREST
Bucharest
250kW:(J):AF
USA
UNITED NATIONS R
Cincinnati, Ohio
Sa:250kW::CA/SA
VOICE OF THE OAS
Cincinnati, Ohio
250kW::CA/SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::NA
USSR
RADIO MOSCOW/RP&P
Moscow
240kW:(J):EU
RADIO MOSCOW/RP&P
Moscow
240kW:WS (J):EU
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::AS/ANZ
11835
(con'd)
AFGHANISTAN
+RADIO AFGHANISTAN
Kabul
(D):SAS
ALBANIA
RADIO TIRANA
Krujë
100kW::WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

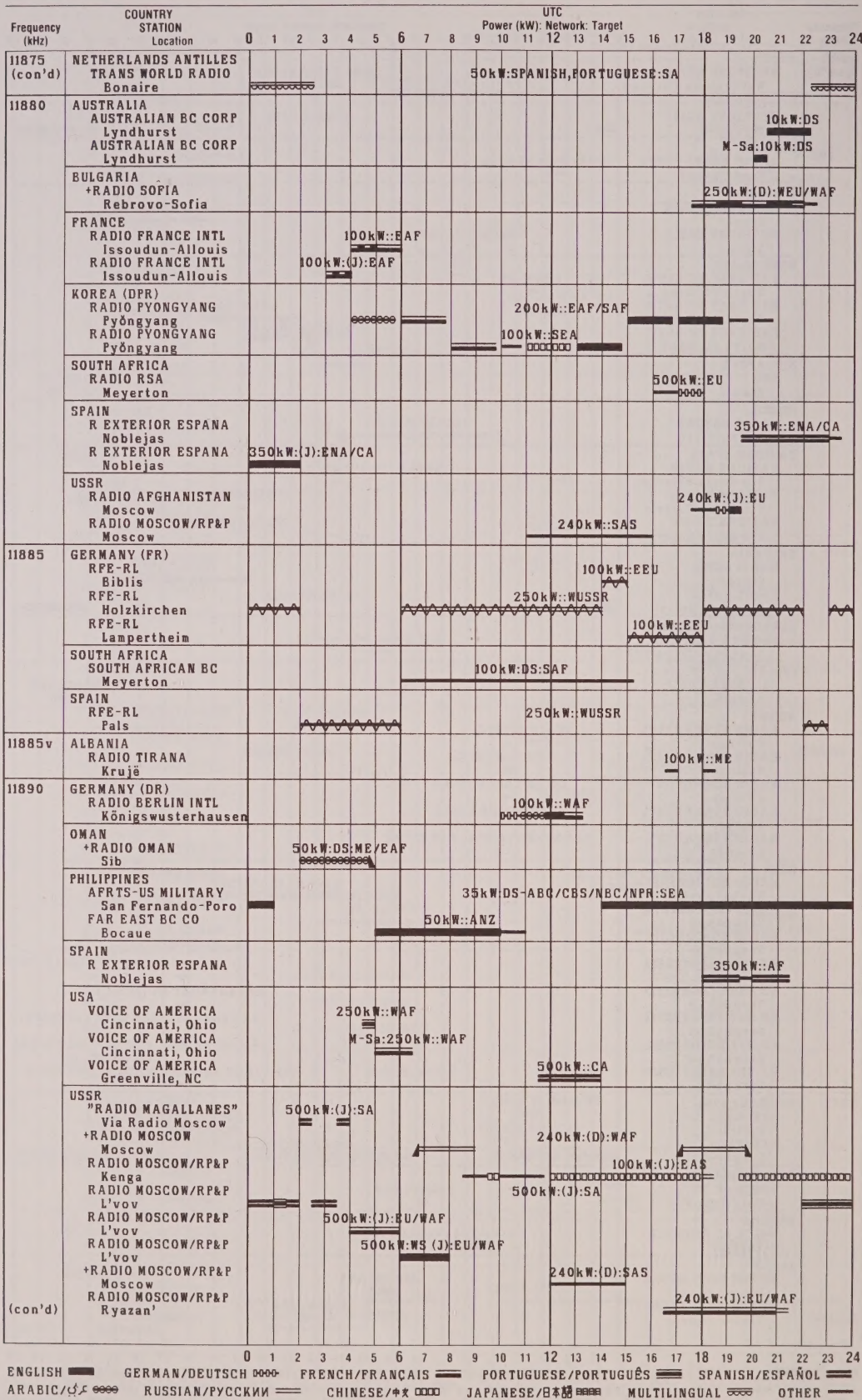

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11835 (con'd)
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
250kW::SEA/EAS
CYPRUS
BBC
Zyyi
100kW:(J):WUSSR
BBC
Zyyi
Sa:100kW:(J):WUSSR
DENMARK
DANMARKS RADIO
Copenhagen
50kW:(J):SEA/ANZ
ECUADOR
HCJB-VO THE ANDES
Quito
100kW:(J):SA
HCJB-VO THE ANDES
Quito
100kW::EU
GERMANY (FR)
VOICE OF AMERICA
Ismaning
100kW:(J):WUSSR
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW:(D):WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
VOICE OF AMERICA
Kaválla
250kW:(J):WUSSR
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::CAF/EAF
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::EAS/SEA
OMAN
+BBC
Maşirah
100kW:(D):WUSSR
SRI LANKA
SRI LANKA BC CORP
Colombo
35kW::SEA
SWEDEN
RADIO SWEDEN INTL
Karlsborg
350kW:(J):WUSSR
URUGUAY
R EL ESPECTADOR
Montevideo
5kW::DS
USSR
RADIO MOSCOW/RP&P
Armavir
100kW:(J):SAS
RADIO MOSCOW/RP&P
Tashkent
500kW:(J):SAS/SEA
11840
AUSTRIA
OSTERREICHISCHER R
Vienna
300kW::ANZ
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
250kW:(J):EAF
CUBA
RADIO MOSCOW/RP&P
Havana
100kW:WS:NA
RADIO MOSCOW/RP&P
Havana
100kW:WS (J):NA
GREAT BRITAIN
RADIO CANADA INTL
Daventry
M-F:100/300kW::ME
GREECE
VOICE OF AMERICA
Kaválla
250kW::NAF
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::EAS
KTWR-TRANS WORLD R
Merizo
100kW::SEA/EAS
KTWR-TRANS WORLD R
Merizo
Sa/Su:100kW::EAS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::SAS/AF
NIPPON HOSO KYOKAI
Tōkyō-Yamata
50kW::SEA
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:SAS
LIBERIA
VOICE OF AMERICA
Monrovia
250kW:(J):AF
MOROCCO
VOICE OF AMERICA
Tangier
(con'd)
50kW:(J):WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

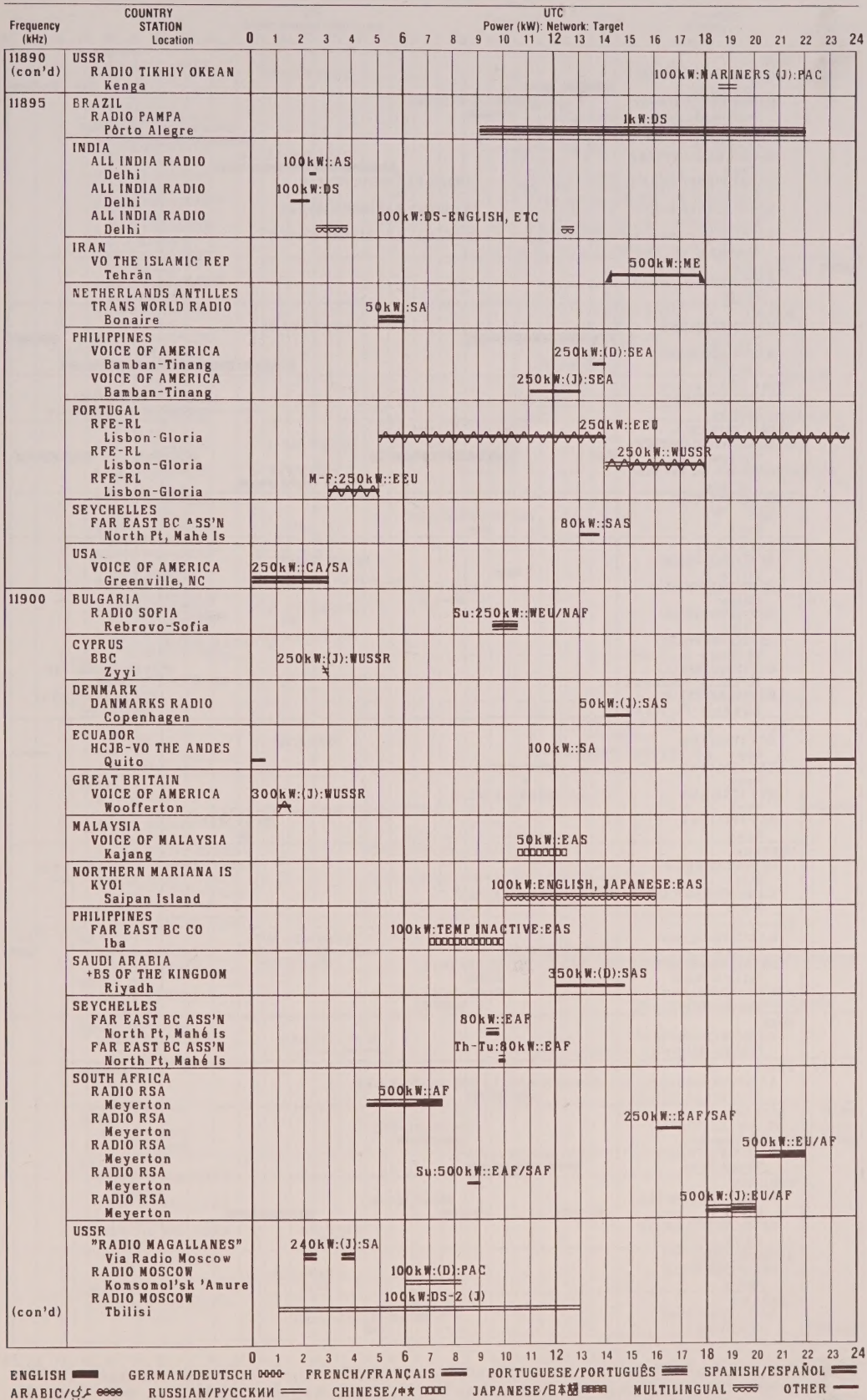

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11840 (con'd)
POLAND
RADIO POLONIA
Warsaw
RADIO POLONIA
Warsaw
RADIO POLONIA
Warsaw
100kW::ATL
100kW::WEU/WAF
100kW::EU/NAF
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
RADIO PORTUGUESA
Lisbon-São Gabriel
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::WAF/SA
M-F:100kW::WAF/SA
Irr:Sa/Su:100kW::WAF/SA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AF
USSR
RADIO MOSCOW
Kenga
RADIO MOSCOW
Vinnitsa
50kW:DS-1 (J)
100kW:DS-2
11845
ALBANIA
RADIO TIRANA
Krujë
100kW::WUSSR
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
RADIO SOFIA
Rebrovo-Sofia
250kW:(J):EU
M-Sa:250kW:(J):EU
CANADA
RADIO CANADA INTL
Sackville, NB
Su/M:250kW::ENA/CA
CYPRUS
BBC
Zyyi
100/20kW::WUSSR
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NAF/WAF
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW:(J):WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
INDIA
ALL INDIA RADIO
Delhi
100kW::EAF
MOROCCO
VOICE OF AMERICA
Tangier
100kW:(J):EEU
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW:(J):EEU/EAF/ME
USSR
RADIO MOSCOW
Kazan'
RADIO MOSCOW/RP&P
Kazan'
RADIO MOSCOW/RP&P
Kazan'
100kW:DS-2
100kW::SAS/SEA
100kW:WS:SAS/SEA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
VATICAN RADIO
Sta Maria Galeria
100kW::SA
100kW::ENA/CA
11850
BELGIUM
RT BELGE FRANCAISE
Wavre
RT BELGE FRANCAISE
Wavre
RT BELGE FRANCAISE
Wavre
250kW:DS/ES:AF
M-F:250kW:DS/ES:AF
M-Sa:250kW:DS/ES:AF
BULGARIA
RADIO MOSCOW/RP&P
Plovdiv
RADIO MOSCOW/RP&P
Plovdiv
RADIO SOFIA
Plovdiv
500kW:(J):CA
500kW:N AMERICAN (J):CA
500kW:(J):WEU
CUBA
RADIO HABANA
Havana
100kW:(D):EU
GERMANY (FR)
DEUTSCHE WELLE
Jülich
+DEUTSCHE WELLE
Türkheim-Wertach'l
(con'd)
100kW::EEU
500kW:(D):ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

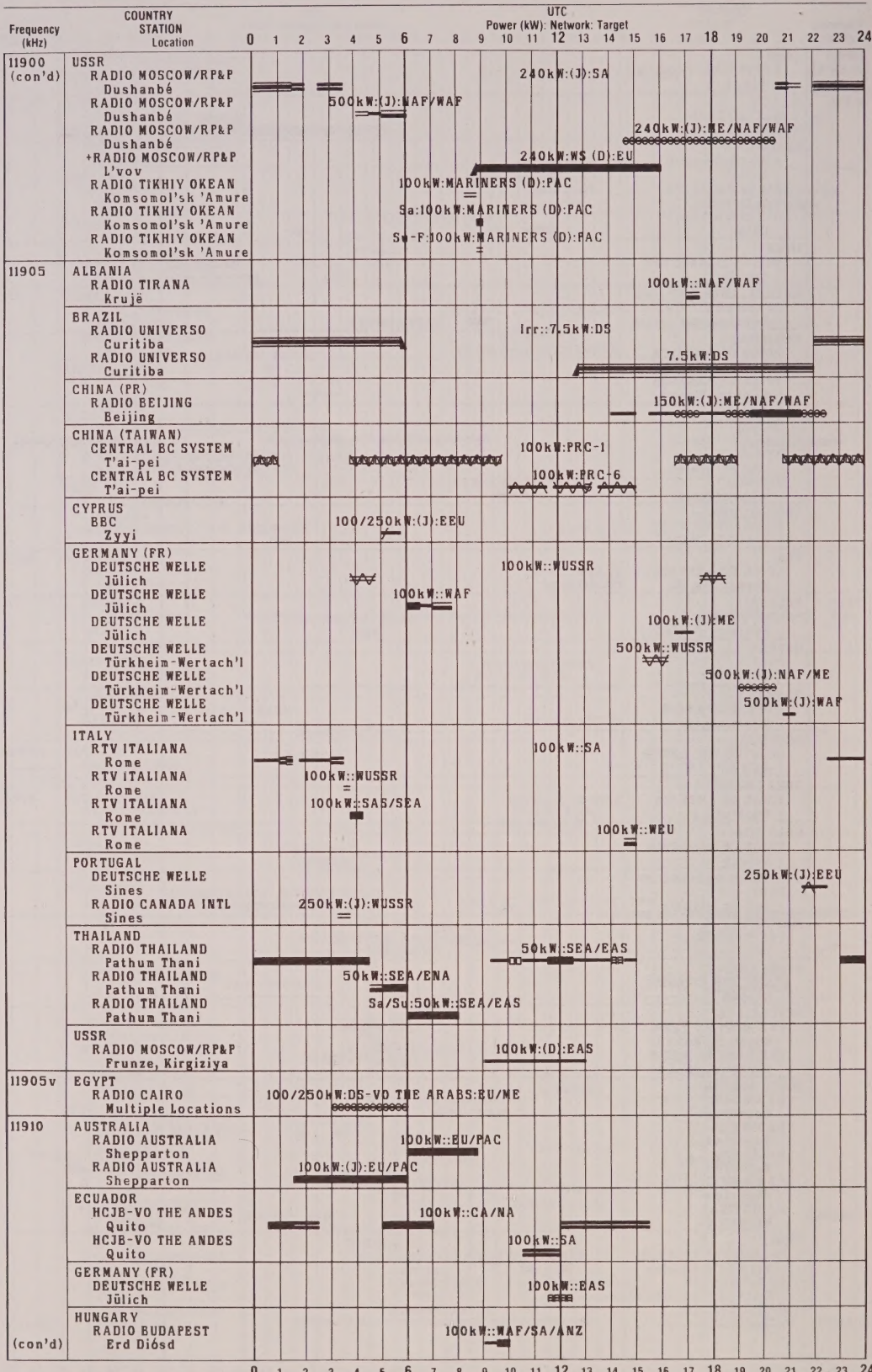

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11850 (con'd)
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SEA
INDIA
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF/CAF
VOICE OF AMERICA
Monrovia
M-Sa:250kW::WAF/CAF
PHILIPPINES
FAR EAST BC CO
Bocaue
50kW::SEA
FAR EAST BC CO
Iba
100kW:TEMP INACTIVE:EAS
SINGAPORE
BBC
Kranji
250kW::SAS/SEA
USA
KNLS-VO NEW LIFE
Anchor Pt, Alaska
100kW:(J):EAS/SEA
USSR
RADIO MOSCOW
Konevo
240kW:(D):EU
RADIO MOSCOW/RP&P
Ryazan'
200kW:AFRICAN:ME/EAF
RADIO MOSCOW/RP&P
Ryazan'
200kW:WS:ME/EAF
11855
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
100kW::SEA
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW:(D):CA
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::ANZ
RADIO PRAGUE
Prague
Sa/Su:120kW::ANZ
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::SAS/SEA
RFE-RL
Holzkirchen
250kW::WUSSR
RFE-RL
Lampertheim
100kW::WUSSR
VOICE OF AMERICA
Ismaning
100kW:(J):WUSSR
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW:(J):WUSSR
VOICE OF AMERICA
Woofferton
300kW:(J):EU/ME
MONGOLIA
RADIO MOSCOW/RP&P
Ulan Bator
25kW
RADIO ULAN BATOR
Ulan Bator
25kW:DS-1
PORTUGAL
+DEUTSCHE WELLE
Sines
250kW:(D) EEU
RFE-RL
Lisbon-Gloria
100kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:100kW::EEU
SAUDI ARABIA
BS OF THE KINGDOM
Jiddah
100kW::EAF
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::SAS
FAR EAST BC ASS'N
North Pt, Mahé Is
Tu-Su:80kW::SAS
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
50kW::CA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::CA
11856v
BRAZIL
RADIO APARECIDA
Aparecida
7.5kW:DS
11860 (con'd)
ASCENSION
BBC
Georgetown
125kW:AFRICAN (D):WAF/CAF
BBC
Georgetown
250kW:AFRICAN (J):WAF/CAF
BBC
Georgetown
125kW:WS (D):WAF/CAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

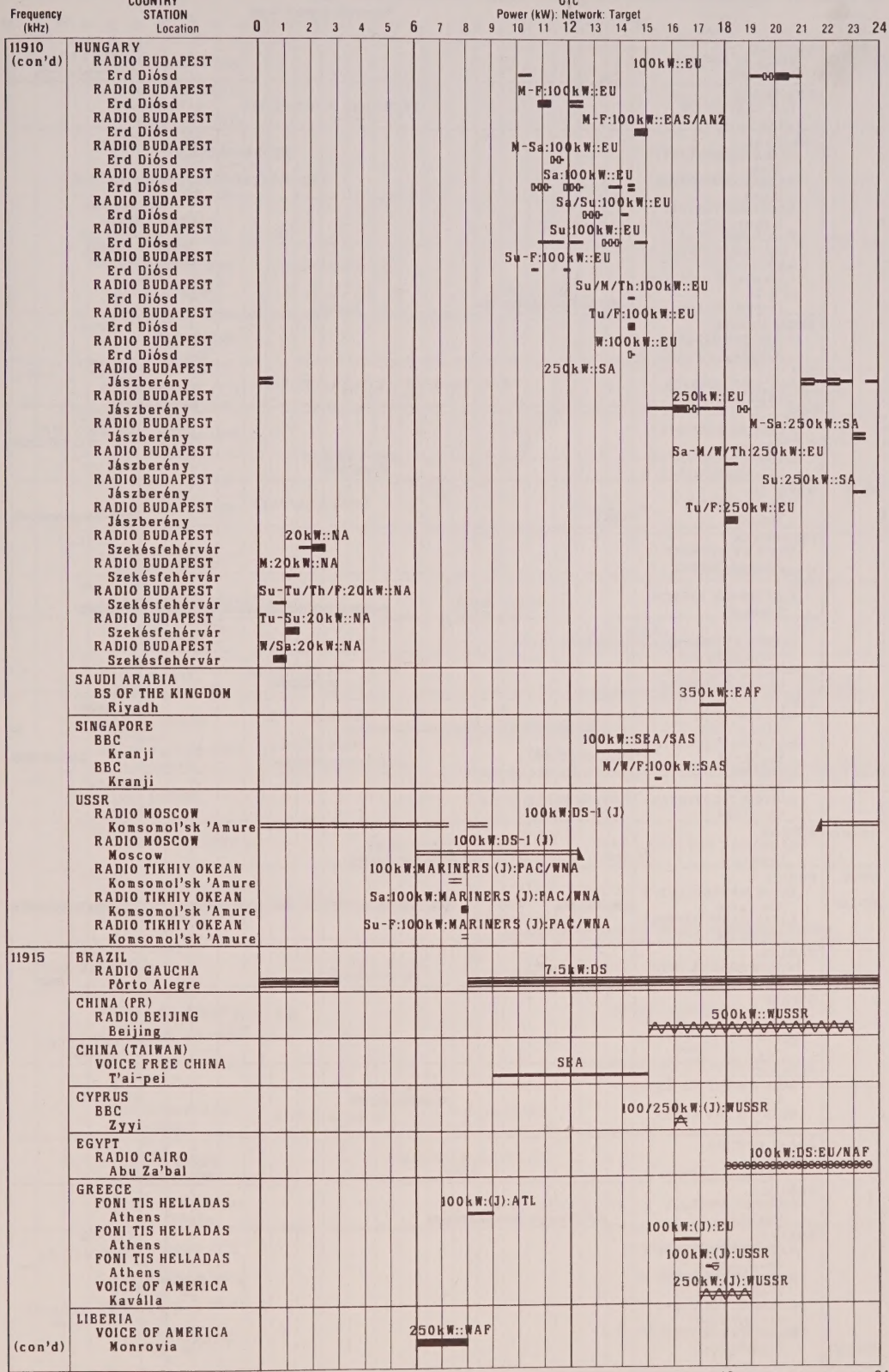

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11860 (con'd)
ASCENSION
BBC
Georgetown
250kW:WS (J):WAF/CAF
AUSTRIA
+OSTERREICHISCHER R
Vienna
+OSTERREICHISCHER R
Vienna
+OSTERREICHISCHER R
Vienna
300kW:(D):SAF
M-F:300kW:(D):SAF
Sa/Su:300kW:(D):SAF
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
RADIO SOFIA
Rebrovo-Sofia
250kW::EU
Su:250kW::EU
CHINA (PR)
RADIO BEIJING
Shijiazhuang
RADIO BEIJING
Shijiazhuang
RADIO BEIJING
Shijiazhuang
500kW::ENA/CA
500kW:(D):ENA/CA
500kW:(D):WNA/CA
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
VOICE FREE CHINA
T'ai-pei
EU/ME/NAF
SA
CYPRUS
BBC
Zyyi
250kW::EAF
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::SEA
NORWAY
RADIO NORWAY INTL
Fredrikstad
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
120kW::EU
M-Sa:500kW::EU
Su:500kW::EU
Tu-Su:500kW::EU
M:500kW:SPANISH, ETC:EU
USSR
"RADIO MAGALLANES"
Via Radio Moscow
RADIO MOSCOW/RP&P
Gor'kiy
RADIO MOSCOW/RP&P
Krasnoyarsk
+RADIO MOSCOW/RP&P
Moscow
RADIO MOSCOW/RP&P
Vinnitsa
RADIO MOSCOW/RP&P
Vinnitsa
RADIO MOSCOW/RP&P
Vinnitsa
RADIO MOSCOW/RP&P
Vinnitsa
RADIO TIKHIY OKEAN
Krasnoyarsk
240kW:(J):SA
240kW:(J):SA
100kW:(J):EAS
240kW:(D):SAS
500kW:UK SVC (J):EU/ENA
500kW:WS:EU
500kW:WS (J):EU/ENA
500kW:WS (J):EU
100kW:MARINERS (J):PAC
11865
CYPRUS
BBC
Zyyi
BBC
Zyyi
BBC
Zyyi
250kW:(J):WUSSR
250kW:(J):EEU
M-Sa:250kW:(J):EEU
GERMANY (FR)
+DEUTSCHE WELLE
Jülich
+DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Türkheim-Wertach'l
100kW:(D):ME
100kW:(D):NAF/ME
500kW::ME
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
VOICE OF AMERICA
Woofferton
300kW::WUSSR
300kW:(J):EEU
INDIA
ALL INDIA RADIO
Delhi
100kW::WAF
INDONESIA
+R REP INDONESIA
Jayapura
+R REP INDONESIA
Jayapura
(con'd)
25kW:DS-NASIONAL
Su:25kW:DS-NASIONAL
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11865 (con'd)
MALTA
DEUTSCHE WELLE
Marśaxlokk Cyclops
250kW:(J):NAF/ME
MONTSERRAT
DEUTSCHE WELLE
Plymouth
50kW::CA/SA
NORWAY
RADIO NORWAY INTL
Fredrikstad
350kW:(J):ENA/CA
PORTUGAL
DEUTSCHE WELLE
Sines
DEUTSCHE WELLE
Sines
250kW::EEU
250kW:(J):EEU
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
FAR EAST BC ASS'N
North Pt, Mahé Is
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::ME
80kW::SAS
Sa:80kW::SAS
SINGAPORE
BBC
Kranji
100kW::EAS
USSR
RADIO MOSCOW
Novosibirsk
100kW:DS-2 (J)
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
VATICAN RADIO
Sta Maria Galeria
VATICAN RADIO
Sta Maria Galeria
500kW::SAS
M-Sa:500kW::SAS
Su:500kW::SAS
11870
BULGARIA
RADIO SOFIA
Plovdiv
RADIO SOFIA
Rebrovo-Sofia
500kW::ME
250kW:(J):CA
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
Kunming, China(PR)
50kW:PRO-POL POT:SEA
INDIA
ALL INDIA RADIO
Aligarh
250kW::ANZ
NORWAY
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
500kW:(J):SAS
M:500kW:(J):ME
Tu-Su:500kW:(J):ME
W-M:500kW:(J):ME
Tu:500kW:SPANISH, ETC (J):ME
USSR
RADIO MOSCOW/RP&P
Khabarovsk
RADIO MOSCOW/RP&P
Serpukhov
RADIO MOSCOW/RP&P
Serpukhov
RS SOV BELORUSSIA
Serpukhov
RS SOV BELORUSSIA
Serpukhov
RS SOV BELORUSSIA
Serpukhov
RS SOV BELORUSSIA
Serpukhov
240kW:(J):EAS/SEA
240kW::EU
240kW:(J):EU/WAF
Su-F:240kW:(J):EU/WAF
Sa:240kW:1ST SA (J):EU/WAF
Sa:240kW:1ST, 3RD SATS (J):EU/WAF
Sa:240kW:2ND, 4TH SATS (J):EU/WAF
Sa:240kW:2ND, 3RD & 4TH SATS:EU/WAF
11875
GERMANY (FR)
RFE-RL
Biblis
RFE-RL
Lampertheim
100kW::WUSSR
100kW::WUSSR
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW::NAF
GREECE
VOICE OF AMERICA
Kaválla
M-Sa:250kW::NAF
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
NIPPON HOSO KYOKAI
Tōkyō-Yamata
(con'd)
100kW::ANZ
100kW::SEA
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

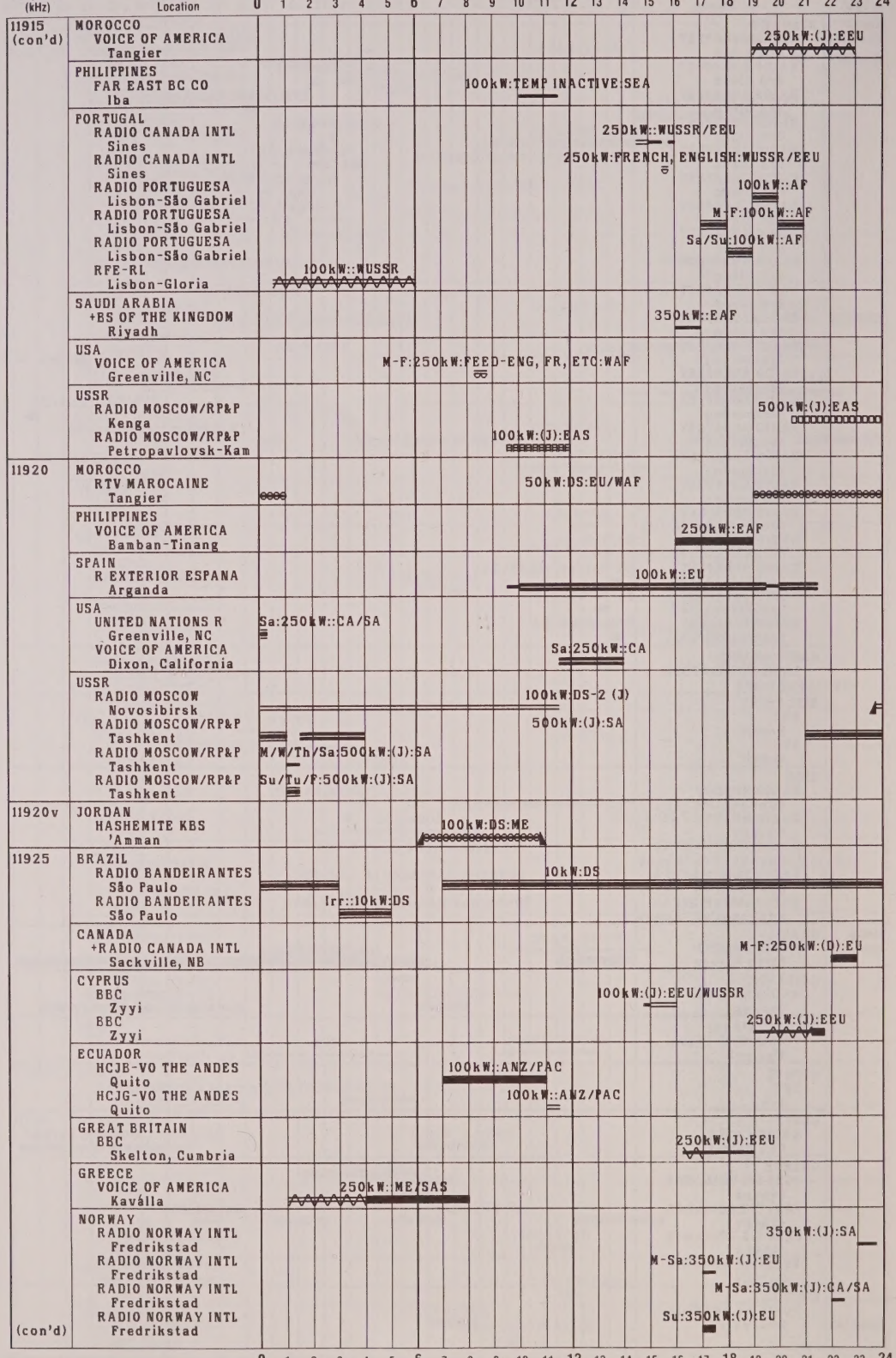

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11875 (con'd)
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
50kW:SPANISH,PORTUGUESE:SA
11880
AUSTRALIA
AUSTRALIAN BC CORP
Lyndhurst
10kW:DS
AUSTRALIAN BC CORP
Lyndhurst
M-Sa:10kW:DS
BULGARIA
+RADIO SOFIA
Rebrovo-Sofia
250kW:(D):WEU/WAF
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EAF
RADIO FRANCE INTL
Issoudun-Allouis
100kW:(J):EAF
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::EAF/SAF
RADIO PYONGYANG
Pyŏngyang
100kW::SEA
SOUTH AFRICA
RADIO RSA
Meyerton
500kW::EU
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::ENA/CA
R EXTERIOR ESPANA
Noblejas
350kW:(J):ENA/CA
USSR
RADIO AFGHANISTAN
Moscow
240kW:(J):EU
RADIO MOSCOW/RP&P
Moscow
240kW::SAS
11885
GERMANY (FR)
RFE-RL
Biblis
100kW::EEU
RFE-RL
Holzkirchen
250kW::WUSSR
RFE-RL
Lampertheim
100kW::EEU
SOUTH AFRICA
SOUTH AFRICAN BC
Meyerton
100kW:DS:SAF
SPAIN
RFE-RL
Pals
250kW::WUSSR
11885v
ALBANIA
RADIO TIRANA
Krujë
100kW::ME
11890
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::WAF
OMAN
+RADIO OMAN
Sib
50kW:DS:ME/EAF
PHILIPPINES
AFRTS-US MILITARY
San Fernando-Poro
35kW:DS-ABC/CBS/NBC/NPR:SEA
FAR EAST BC CO
Bocaue
50kW::ANZ
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::AF
USA
VOICE OF AMERICA
Cincinnati, Ohio
250kW::WAF
VOICE OF AMERICA
Cincinnati, Ohio
M-Sa:250kW::WAF
VOICE OF AMERICA
Greenville, NC
500kW::CA
USSR
"RADIO MAGALLANES"
Via Radio Moscow
500kW:(J):SA
+RADIO MOSCOW
Moscow
240kW:(D):WAF
RADIO MOSCOW/RP&P
Kenga
100kW:(J):EAS
RADIO MOSCOW/RP&P
L'vov
500kW:(J):SA
RADIO MOSCOW/RP&P
L'vov
500kW:(J):EU/WAF
RADIO MOSCOW/RP&P
L'vov
500kW:WS (J):EU/WAF
+RADIO MOSCOW/RP&P
Moscow
240kW:(D):SAS
RADIO MOSCOW/RP&P
Ryazan'
240kW:(J):EU/WAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربى
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

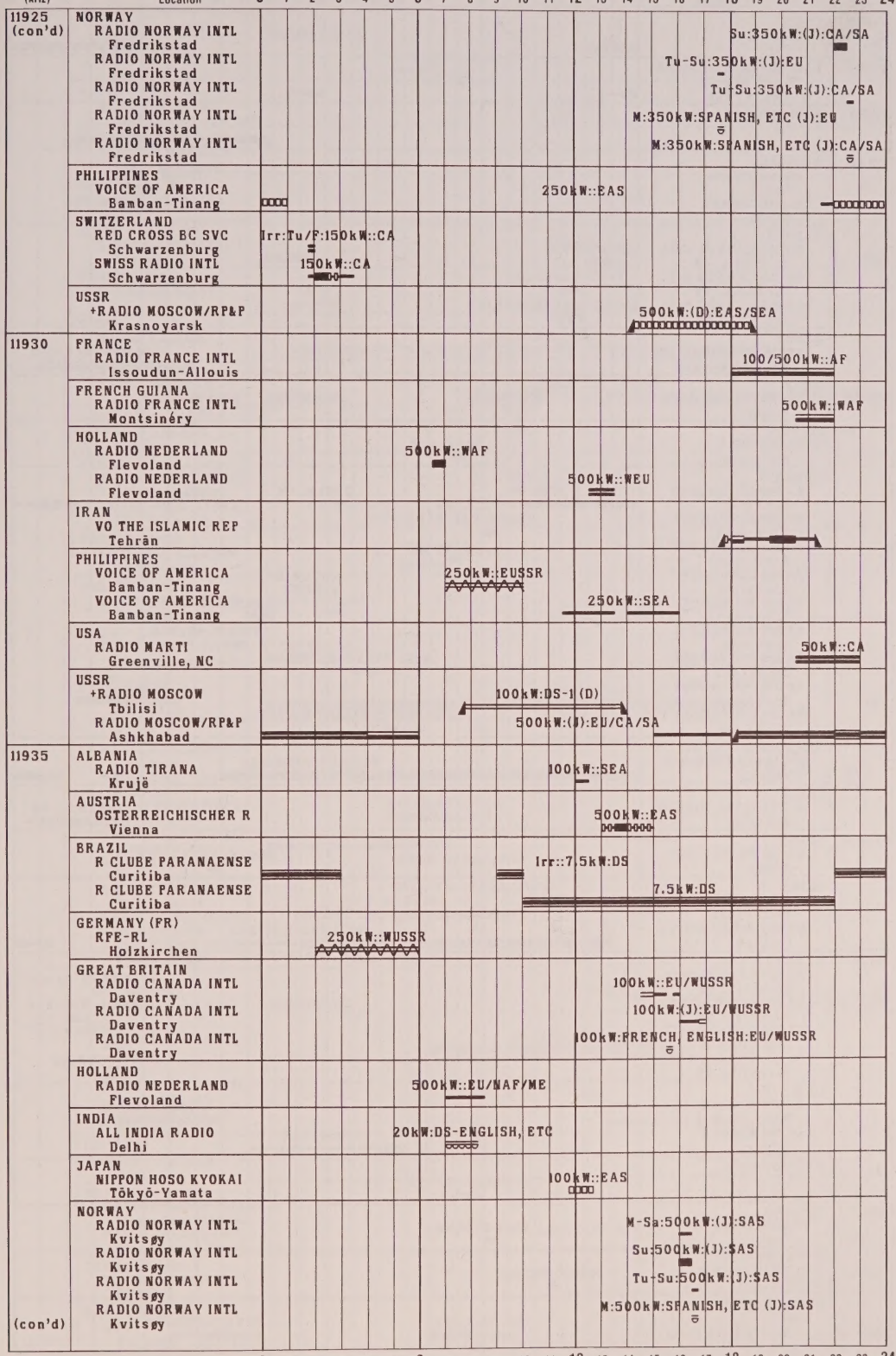

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11890 (con'd)
USSR
RADIO TIKHIY OKEAN
Kenga
100kW:MARINERS (J):PAC
11895
BRAZIL
RADIO PAMPA
Pôrto Alegre
1kW:DS
INDIA
ALL INDIA RADIO
Delhi
100kW::AS
ALL INDIA RADIO
Delhi
100kW:DS
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
IRAN
VO THE ISLAMIC REP
Tehrān
500kW::ME
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
50kW:SA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW:(D):SEA
VOICE OF AMERICA
Bamban-Tinang
250kW:(J):SEA
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
250kW::WUSSR
RFE-RL
Lisbon-Gloria
M-F:250kW::EEU
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::SAS
USA
VOICE OF AMERICA
Greenville, NC
250kW::CA/SA
11900
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
Su:250kW::WEU/NAF
CYPRUS
BBC
Zyyi
250kW:(J):WUSSR
DENMARK
DANMARKS RADIO
Copenhagen
50kW:(J):SAS
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
300kW:(J):WUSSR
MALAYSIA
VOICE OF MALAYSIA
Kajang
50kW::EAS
NORTHERN MARIANA IS
KYOI
Saipan Island
100kW:ENGLISH, JAPANESE:EAS
PHILIPPINES
FAR EAST BC CO
Iba
100kW:TEMP INACTIVE:EAS
SAUDI ARABIA
+BS OF THE KINGDOM
Riyadh
350kW:(D):SAS
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::EAF
FAR EAST BC ASS'N
North Pt, Mahé Is
Th-Tu:80kW::EAF
SOUTH AFRICA
RADIO RSA
Meyerton
500kW::AF
RADIO RSA
Meyerton
250kW::EAF/SAF
RADIO RSA
Meyerton
500kW::EU/AF
RADIO RSA
Meyerton
Su:500kW::EAF/SAF
RADIO RSA
Meyerton
500kW:(J):EU/AF
USSR
"RADIO MAGALLANES"
Via Radio Moscow
240kW:(J):SA
RADIO MOSCOW
Komsomol'sk 'Amure
100kW:(D):PAC
RADIO MOSCOW
Tbilisi
100kW:DS-2 (J)
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

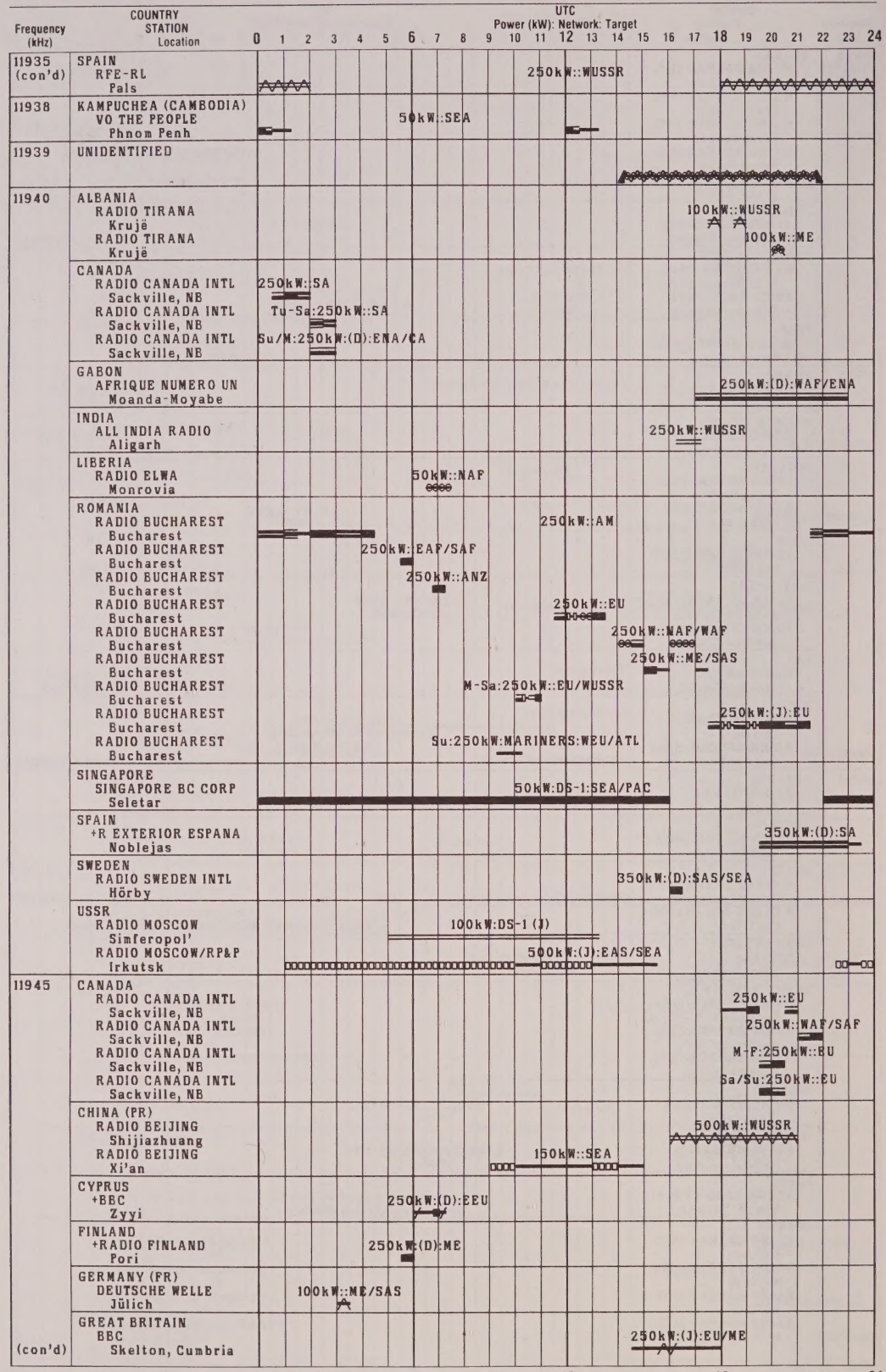

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11900 (con'd)
USSR
RADIO MOSCOW/RP&P Dushanbé
RADIO MOSCOW/RP&P Dushanbé
RADIO MOSCOW/RP&P Dushanbé
+RADIO MOSCOW/RP&P L'vov
RADIO TIKHIY OKEAN Komsomol'sk 'Amure
RADIO TIKHIY OKEAN Komsomol'sk 'Amure
RADIO TIKHIY OKEAN Komsomol'sk 'Amure
240kW:(J):SA
500kW:(J):NAF/WAF
240kW:(J):ME/NAF/WAF
240kW:WS (D):EU
100kW:MARINERS (D):PAC
Sa:100kW:MARINERS (D):PAC
Su-F:100kW:MARINERS (D):PAC
11905
ALBANIA
RADIO TIRANA Krujë
100kW::NAF/WAF
BRAZIL
RADIO UNIVERSO Curitiba
RADIO UNIVERSO Curitiba
Irr::7.5kW:DS
7.5kW:DS
CHINA (PR)
RADIO BEIJING Beijing
150kW:(J):ME/NAF/WAF
CHINA (TAIWAN)
CENTRAL BC SYSTEM T'ai-pei
CENTRAL BC SYSTEM T'ai-pei
100kW:PRC-1
100kW:PRC-6
CYPRUS
BBC Zyyi
100/250kW:(J):EEU
GERMANY (FR)
DEUTSCHE WELLE Jülich
DEUTSCHE WELLE Jülich
DEUTSCHE WELLE Jülich
DEUTSCHE WELLE Türkheim-Wertach'l
DEUTSCHE WELLE Türkheim-Wertach'l
DEUTSCHE WELLE Türkheim-Wertach'l
100kW::WUSSR
100kW::WAF
100kW:(J):ME
500kW::WUSSR
500kW:(J):NAF/ME
500kW:(J):WAF
ITALY
RTV ITALIANA Rome
RTV ITALIANA Rome
RTV ITALIANA Rome
RTV ITALIANA Rome
100kW::SA
100kW::WUSSR
100kW::SAS/SEA
100kW::WEU
PORTUGAL
DEUTSCHE WELLE Sines
RADIO CANADA INTL Sines
250kW:(J):EEU
250kW:(J):WUSSR
THAILAND
RADIO THAILAND Pathum Thani
RADIO THAILAND Pathum Thani
RADIO THAILAND Pathum Thani
50kW::SEA/EAS
50kW::SEA/ENA
Sa/Su:50kW::SEA/EAS
USSR
RADIO MOSCOW/RP&P Frunze, Kirgiziya
100kW:(D):EAS
11905v
EGYPT
RADIO CAIRO Multiple Locations
100/250kW:DS-VO THE ARABS:EU/ME
11910
AUSTRALIA
RADIO AUSTRALIA Shepparton
RADIO AUSTRALIA Shepparton
100kW::EU/PAC
100kW:(J):EU/PAC
ECUADOR
HCJB-VO THE ANDES Quito
HCJB-VO THE ANDES Quito
100kW::CA/NA
100kW::SA
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW::EAS
HUNGARY
RADIO BUDAPEST Erd Diósd
(con'd)
100kW::WAF/SA/ANZ
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

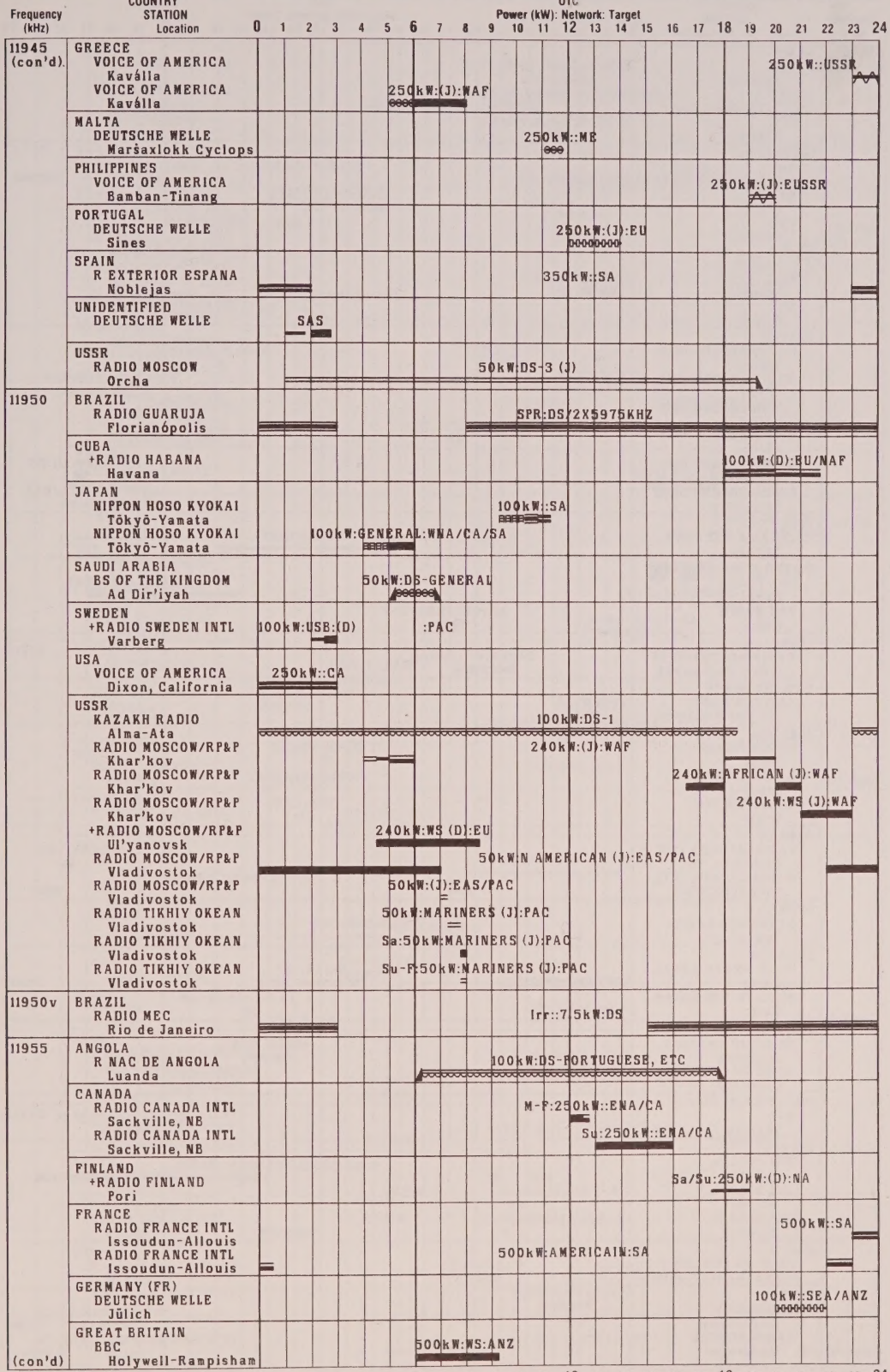


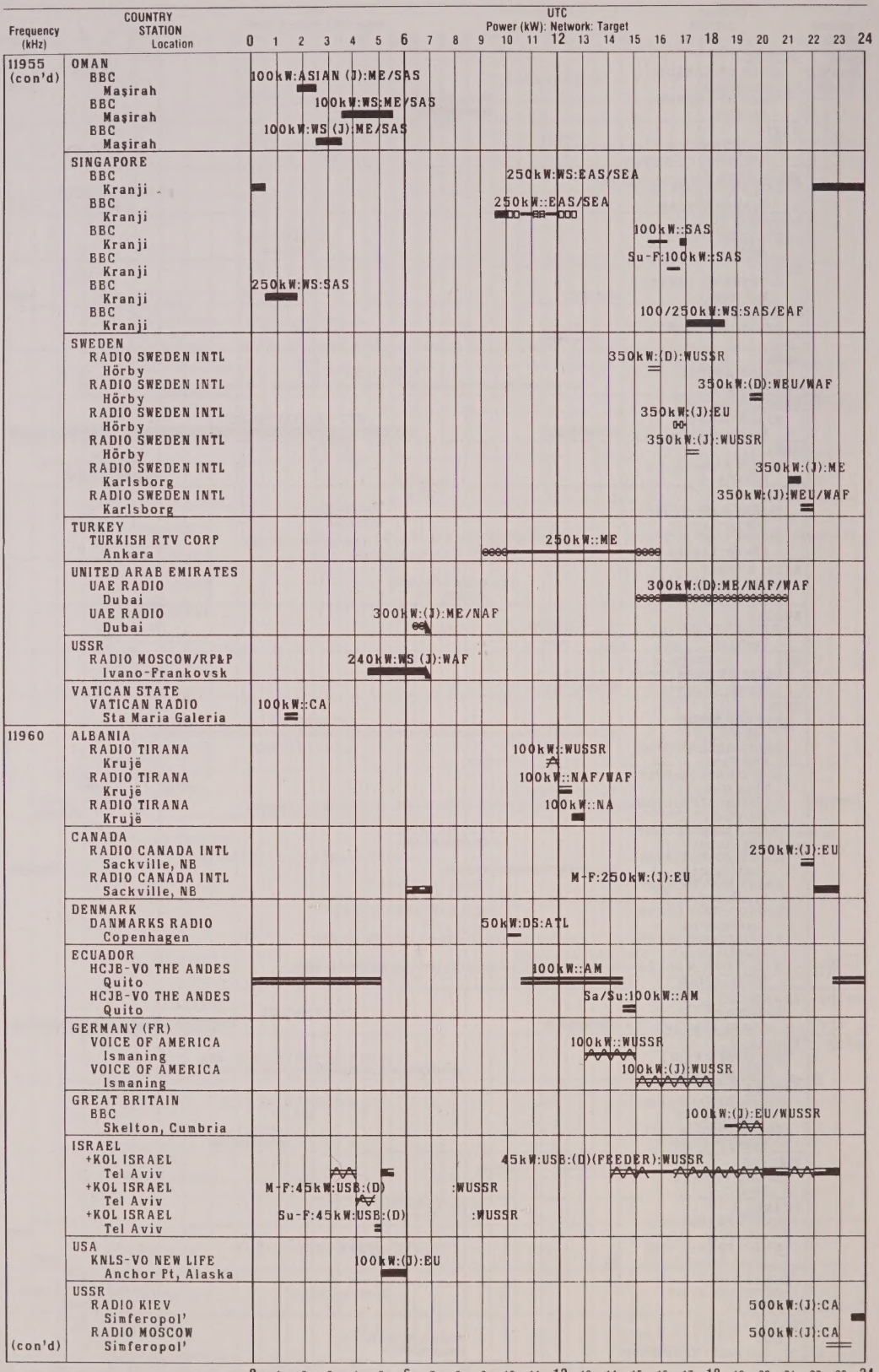
ENGLISH ■ GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋀ or / FADE-IN FADE-OUT + TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11915 (con'd)
MOROCCO VOICE OF AMERICA Tangier
250kW:(J):EEU
PHILIPPINES FAR EAST BC CO Iba
100kW:TEMP INACTIVE:SEA
PORTUGAL RADIO CANADA INTL Sines
250kW::WUSSR/EEU
RADIO CANADA INTL Sines
250kW:FRENCH, ENGLISH:WUSSR/EEU
RADIO PORTUGUESA Lisbon-São Gabriel
100kW::AF
RADIO PORTUGUESA Lisbon-São Gabriel
M-F:100kW::AF
RADIO PORTUGUESA Lisbon-São Gabriel
Sa/Su:100kW::AF
RFE-RL Lisbon-Gloria
100kW::WUSSR
SAUDI ARABIA +BS OF THE KINGDOM Riyadh
350kW::EAF
USA VOICE OF AMERICA Greenville, NC
M-F:250kW:FEED-ENG, FR, ETC:WAF
USSR RADIO MOSCOW/RP&P Kenga
500kW:(J):EAS
RADIO MOSCOW/RP&P Petropavlovsk-Kam
100kW:(J):EAS
11920
MOROCCO RTV MAROCAINE Tangier
50kW:DS:EU/WAF
PHILIPPINES VOICE OF AMERICA Bamban-Tinang
250kW::EAF
SPAIN R EXTERIOR ESPANA Arganda
100kW::EU
USA UNITED NATIONS R Greenville, NC
Sa:250kW::CA/SA
VOICE OF AMERICA Dixon, California
Sa:250kW::CA
USSR RADIO MOSCOW Novosibirsk
100kW:DS-2 (J)
RADIO MOSCOW/RP&P Tashkent
500kW:(J):SA
RADIO MOSCOW/RP&P Tashkent
M/W/Th/Sa:500kW:(J):SA
RADIO MOSCOW/RP&P Tashkent
Su/Tu/F:500kW:(J):SA
11920v
JORDAN HASHEMITE KBS 'Amman
100kW:DS:ME
11925
BRAZIL RADIO BANDEIRANTES São Paulo
10kW:DS
RADIO BANDEIRANTES São Paulo
Irr::10kW:DS
CANADA +RADIO CANADA INTL Sackville, NB
M-F:250kW:(D):EU
CYPRUS BBC Zyyi
100kW:(J):EEU/WUSSR
BBC Zyyi
250kW:(J):EEU
ECUADOR HCJB-VO THE ANDES Quito
100kW::ANZ/PAC
HCJG-VO THE ANDES Quito
100kW::ANZ/PAC
GREAT BRITAIN BBC Skelton, Cumbria
250kW:(J):EEU
GREECE VOICE OF AMERICA Kaválla
250kW::ME/SAS
NORWAY RADIO NORWAY INTL Fredrikstad
350kW:(J):SA
RADIO NORWAY INTL Fredrikstad
M-Sa:350kW:(J):EU
RADIO NORWAY INTL Fredrikstad
M-Sa:350kW:(J):CA/SA
RADIO NORWAY INTL Fredrikstad
Su:350kW:(J):EU
(con'd)
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

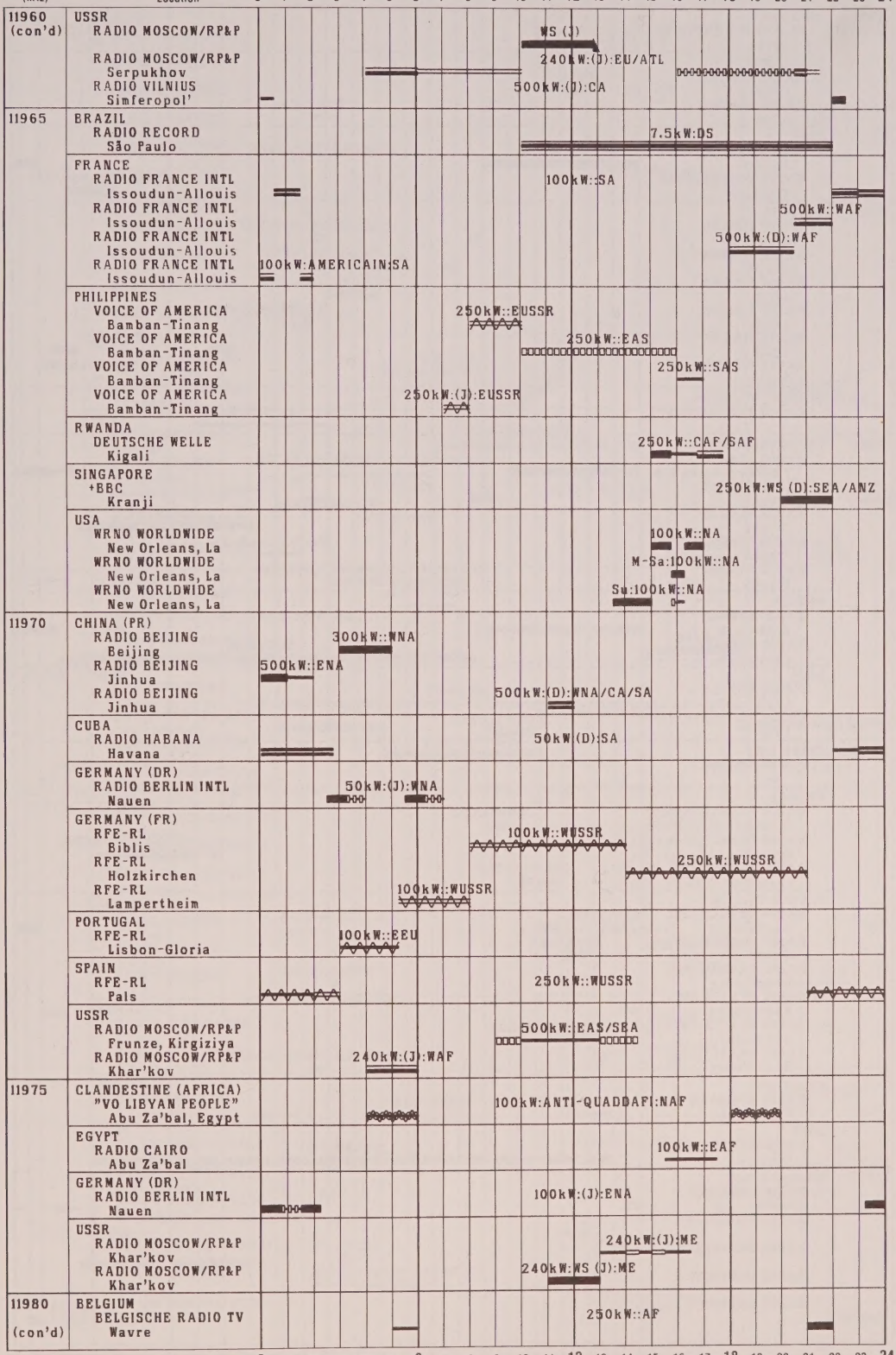

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11925 (con'd)
NORWAY
RADIO NORWAY INTL Fredrikstad
Su:350kW:(J):CA/SA
RADIO NORWAY INTL Fredrikstad
Tu-Su:350kW:(J):EU
RADIO NORWAY INTL Fredrikstad
Tu-Su:350kW:(J):CA/SA
RADIO NORWAY INTL Fredrikstad
M:350kW:SPANISH, ETC (J):EU
RADIO NORWAY INTL Fredrikstad
M:350kW:SPANISH, ETC (J):CA/SA
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW::EAS
SWITZERLAND
RED CROSS BC SVC Schwarzenburg
Irr:Tu/F:150kW::CA
SWISS RADIO INTL Schwarzenburg
150kW::CA
USSR
+RADIO MOSCOW/RP&P Krasnoyarsk
500kW:(D):EAS/SEA
11930
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100/500kW::AF
FRENCH GUIANA
RADIO FRANCE INTL Montsinéry
500kW::WAF
HOLLAND
RADIO NEDERLAND Flevoland
500kW::WAF
RADIO NEDERLAND Flevoland
500kW::WEU
IRAN
VO THE ISLAMIC REP Tehrān
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW::EUSSR
VOICE OF AMERICA Bamban-Tinang
250kW::SEA
USA
RADIO MARTI Greenville, NC
50kW::CA
USSR
+RADIO MOSCOW Tbilisi
100kW:DS-1 (D)
RADIO MOSCOW/RP&P Ashkhabad
500kW:(J):EU/CA/SA
11935
ALBANIA
RADIO TIRANA Krujë
100kW::SEA
AUSTRIA
OSTERREICHISCHER R Vienna
500kW::EAS
BRAZIL
R CLUBE PARANAENSE Curitiba
Irr::7.5kW:DS
R CLUBE PARANAENSE Curitiba
7.5kW:DS
GERMANY (FR)
RFE-RL Holzkirchen
250kW::WUSSR
GREAT BRITAIN
RADIO CANADA INTL Daventry
100kW::EU/WUSSR
RADIO CANADA INTL Daventry
100kW:(J):EU/WUSSR
RADIO CANADA INTL Daventry
100kW:FRENCH, ENGLISH:EU/WUSSR
HOLLAND
RADIO NEDERLAND Flevoland
500kW::EU/NAF/ME
INDIA
ALL INDIA RADIO Delhi
20kW:DS-ENGLISH, ETC
JAPAN
NIPPON HOSO KYOKAI Tôkyô-Yamata
100kW::EAS
NORWAY
RADIO NORWAY INTL Kvitsøy
M-Sa:500kW:(J):SAS
RADIO NORWAY INTL Kvitsøy
Su:500kW:(J):SAS
RADIO NORWAY INTL Kvitsøy
Tu-Su:500kW:(J):SAS
RADIO NORWAY INTL Kvitsøy
M:500kW:SPANISH, ETC (J):SAS
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

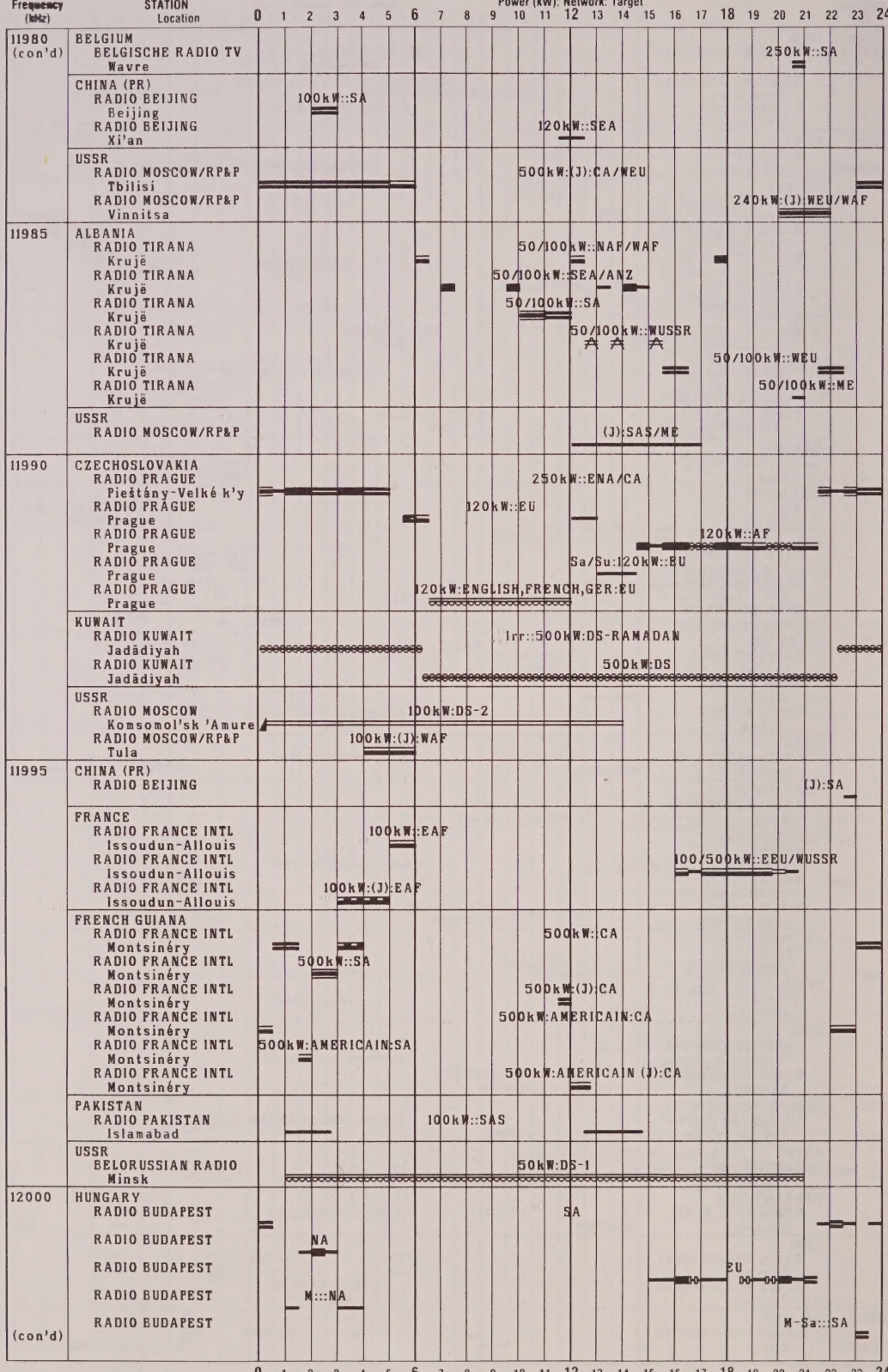

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11935 (con'd)
SPAIN
RFE-RL
Pals
250kW::WUSSR
11938
KAMPUCHEA (CAMBODIA)
VO THE PEOPLE
Phnom Penh
50kW::SEA
11939
UNIDENTIFIED
11940
ALBANIA
RADIO TIRANA
Krujë
100kW::WUSSR
RADIO TIRANA
Krujë
100kW::ME
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::SA
RADIO CANADA INTL
Sackville, NB
Tu-Sa:250kW::SA
RADIO CANADA INTL
Sackville, NB
Su/M:250kW:(D):ENA/CA
GABON
AFRIQUE NUMERO UN
Moanda-Moyabe
250kW:(D):WAF/ENA
INDIA
ALL INDIA RADIO
Aligarh
250kW::WUSSR
LIBERIA
RADIO ELWA
Monrovia
50kW::NAF
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AM
RADIO BUCHAREST
Bucharest
250kW::EAF/SAF
RADIO BUCHAREST
Bucharest
250kW::ANZ
RADIO BUCHAREST
Bucharest
250kW::EU
RADIO BUCHAREST
Bucharest
250kW::NAF/WAF
RADIO BUCHAREST
Bucharest
250kW::ME/SAS
RADIO BUCHAREST
Bucharest
M-Sa:250kW::EU/WUSSR
RADIO BUCHAREST
Bucharest
250kW:(J):EU
RADIO BUCHAREST
Bucharest
Su:250kW:MARINERS:WEU/ATL
SINGAPORE
SINGAPORE BC CORP
Seletar
50kW:DS-1:SEA/PAC
SPAIN
+R EXTERIOR ESPANA
Noblejas
350kW:(D):SA
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW:(D):SAS/SEA
USSR
RADIO MOSCOW
Simferopol'
100kW:DS-1 (J)
RADIO MOSCOW/RP&P
Irkutsk
500kW:(J):EAS/SEA
11945
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::EU
RADIO CANADA INTL
Sackville, NB
250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
M-F:250kW::EU
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::EU
CHINA (PR)
RADIO BEIJING
Shijiazhuang
500kW::WUSSR
RADIO BEIJING
Xi'an
150kW::SEA
CYPRUS
+BBC
Zyyi
250kW:(D):EEU
FINLAND
+RADIO FINLAND
Pori
250kW:(D):ME
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME/SAS
GREAT BRITAIN
BBC
Skelton, Cumbria
(con'd)
250kW:(J):EU/ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

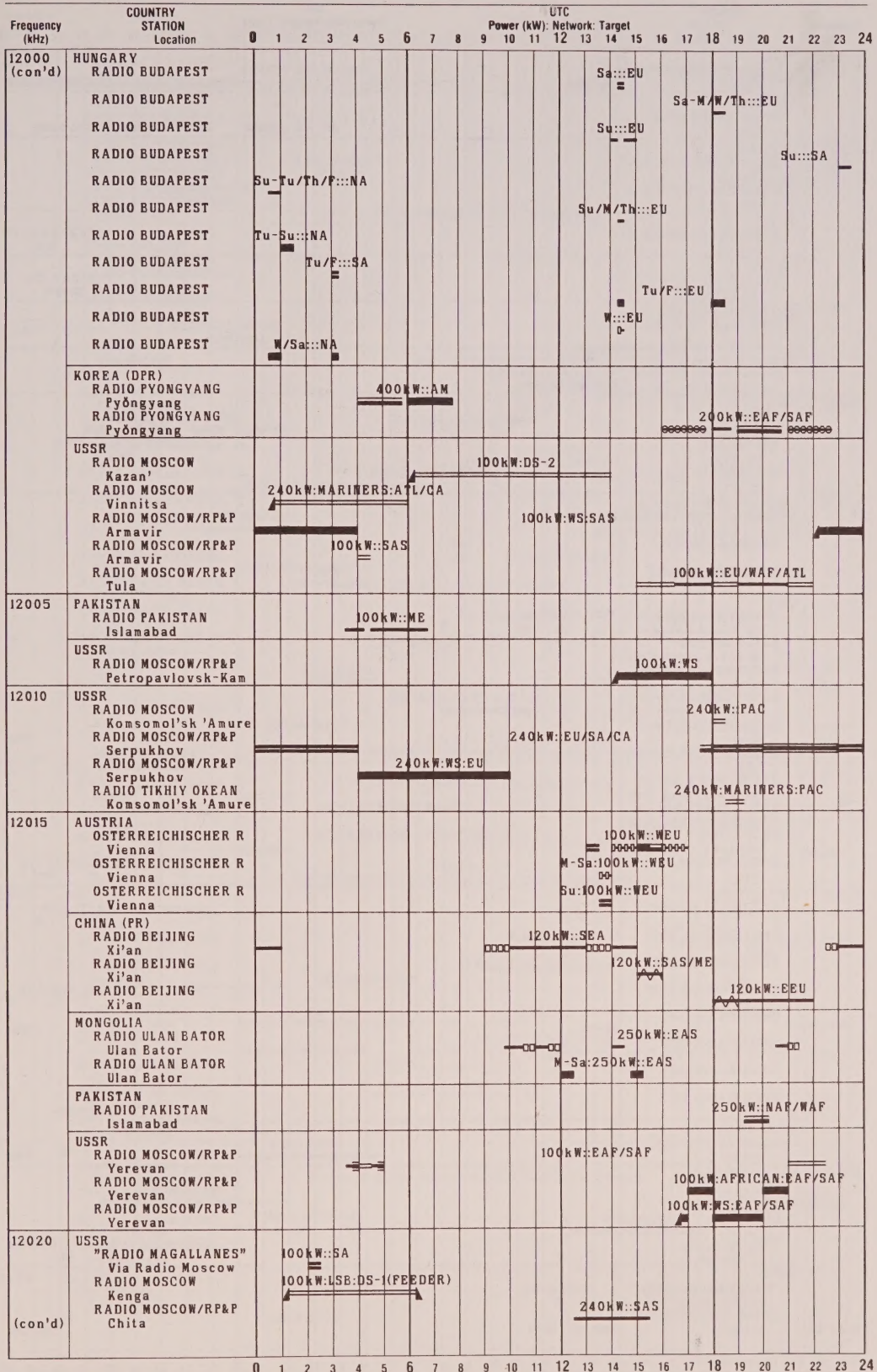

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11945 (con'd).
GREECE
VOICE OF AMERICA
Kaválla
250kW::USSR
250kW:(J):WAF
VOICE OF AMERICA
Kaválla
MALTA
DEUTSCHE WELLE
Marśaxlokk Cyclops
250kW::ME
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW:(J):EUSSR
PORTUGAL
DEUTSCHE WELLE
Sines
250kW:(J):EU
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::SA
UNIDENTIFIED
DEUTSCHE WELLE
SAS
USSR
RADIO MOSCOW
Orcha
50kW:DS-3 (J)
11950
BRAZIL
RADIO GUARUJA
Florianópolis
SPR:DS/2X5975KHZ
CUBA
+RADIO HABANA
Havana
100kW:(D):EU/NAF
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::SA
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:WNA/CA/SA
SAUDI ARABIA
BS OF THE KINGDOM
Ad Dir'iyah
50kW:DS-GENERAL
SWEDEN
+RADIO SWEDEN INTL
Varberg
100kW:USB:(D)
:PAC
USA
VOICE OF AMERICA
Dixon, California
250kW::CA
USSR
KAZAKH RADIO
Alma-Ata
100kW:DS-1
RADIO MOSCOW/RP&P
Khar'kov
240kW:(J):WAF
RADIO MOSCOW/RP&P
Khar'kov
240kW:AFRICAN (J):WAF
RADIO MOSCOW/RP&P
Khar'kov
240kW:WS (J):WAF
+RADIO MOSCOW/RP&P
Ul'yanovsk
240kW:WS (D):EU
RADIO MOSCOW/RP&P
Vladivostok
50kW:N AMERICAN (J):EAS/PAC
RADIO MOSCOW/RP&P
Vladivostok
50kW:(J):EAS/PAC
RADIO TIKHIY OKEAN
Vladivostok
50kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN
Vladivostok
Sa:50kW:MARINERS (J):PAC
RADIO TIKHIY OKEAN
Vladivostok
Su-F:50kW:MARINERS (J):PAC
11950v
BRAZIL
RADIO MEC
Rio de Janeiro
Irr::7.5kW:DS
11955
ANGOLA
R NAC DE ANGOLA
Luanda
100kW:DS-PORTUGUESE, ETC
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::ENA/CA
RADIO CANADA INTL
Sackville, NB
Su:250kW::ENA/CA
FINLAND
+RADIO FINLAND
Pori
Sa/Su:250kW:(D):NA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::SA
RADIO FRANCE INTL
Issoudun-Allouis
500kW:AMERICAIN:SA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::SEA/ANZ
GREAT BRITAIN
BBC
Holywell-Rampisham
(con'd)
500kW:WS:ANZ
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

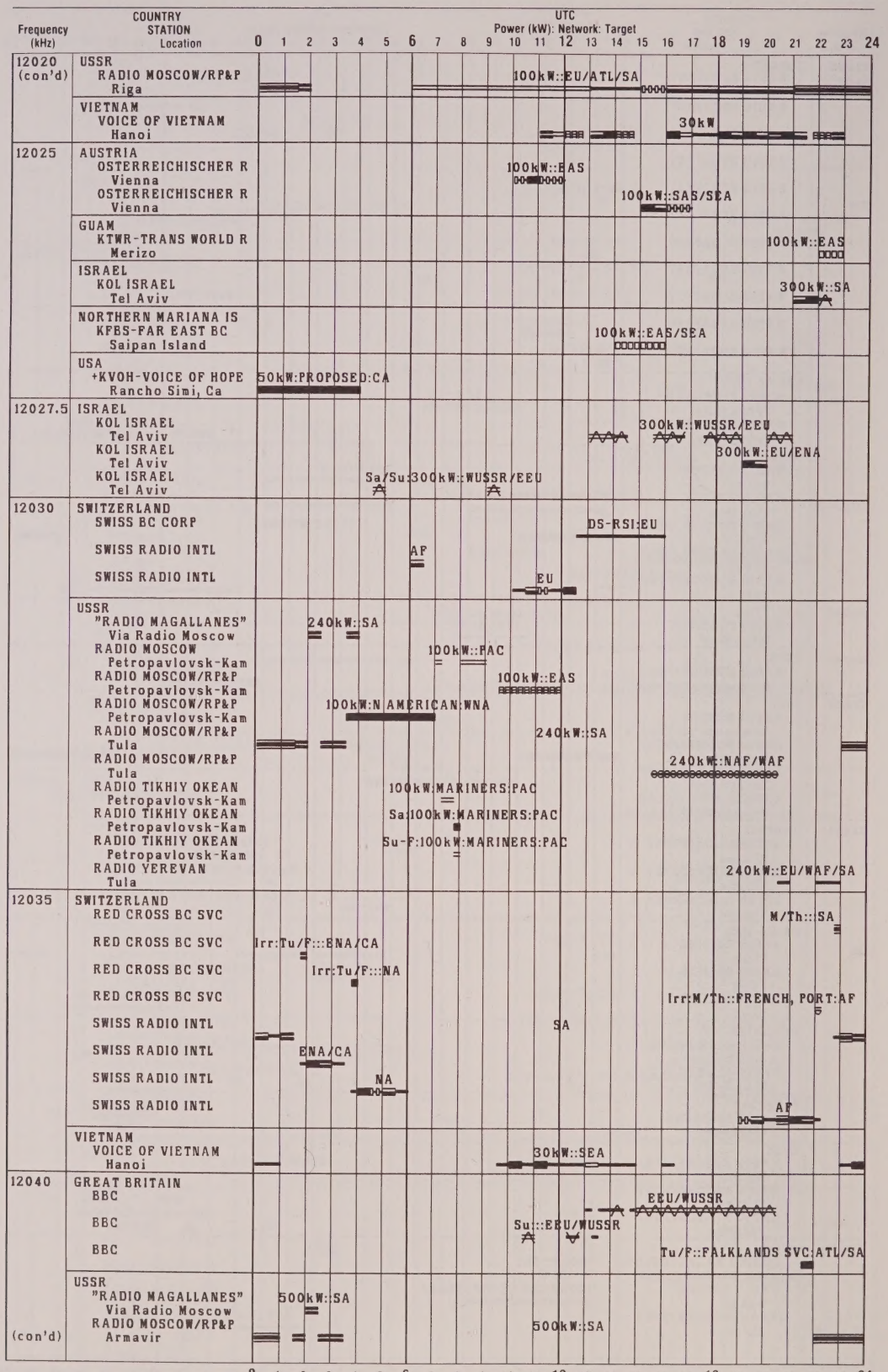


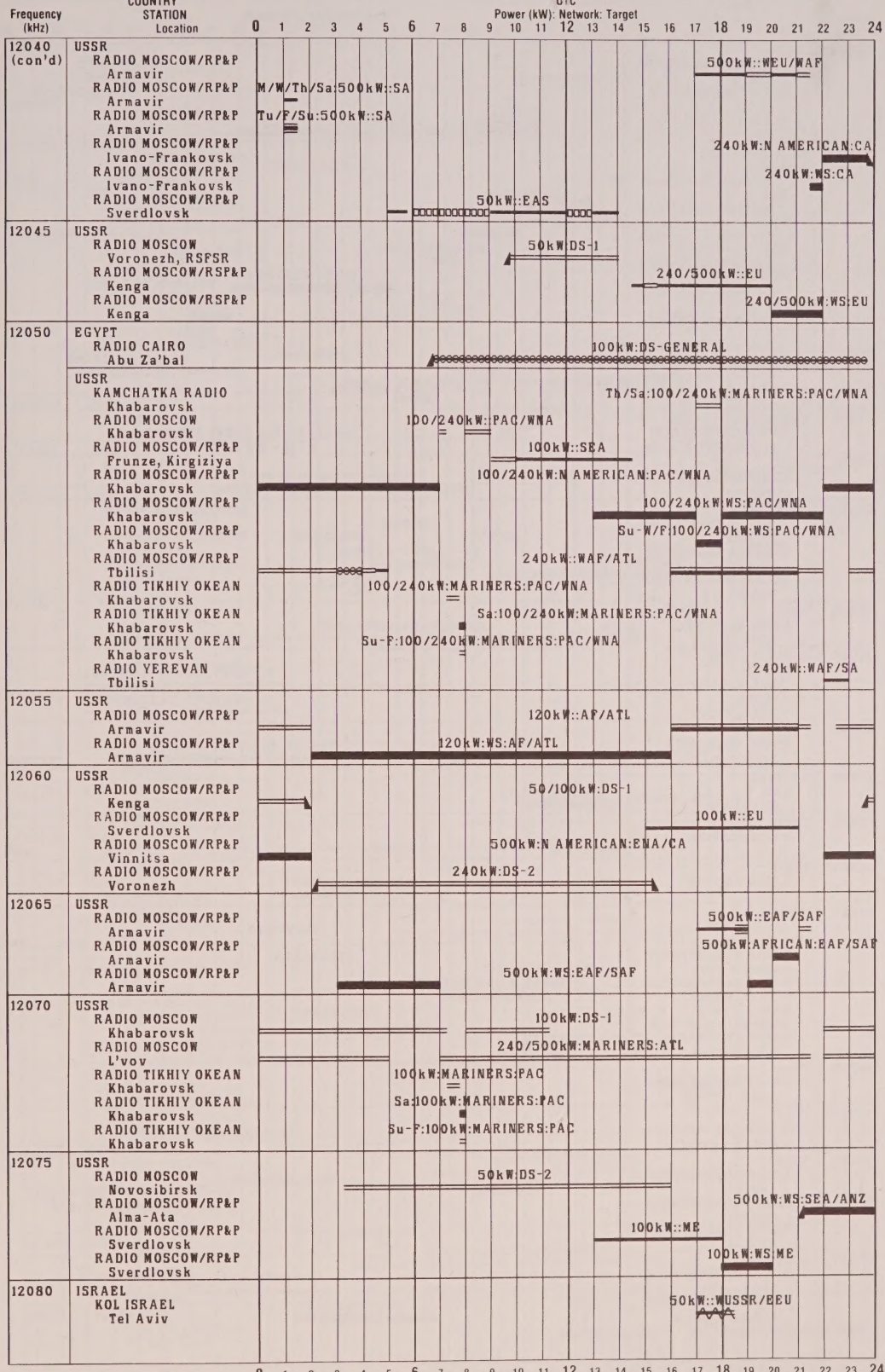
ENGLISH — GERMAN/DEUTSCH — FRENCH/FRANÇAIS — PORTUGUESE/PORTUGUÊS — SPANISH/ESPAÑOL
ARABIC/عربي — RUSSIAN/РУССКИЙ — CHINESE/中文 — JAPANESE/日本語 — MULTILINGUAL — OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋁ or / FADE-IN FADE-OUT + TENTATIVE

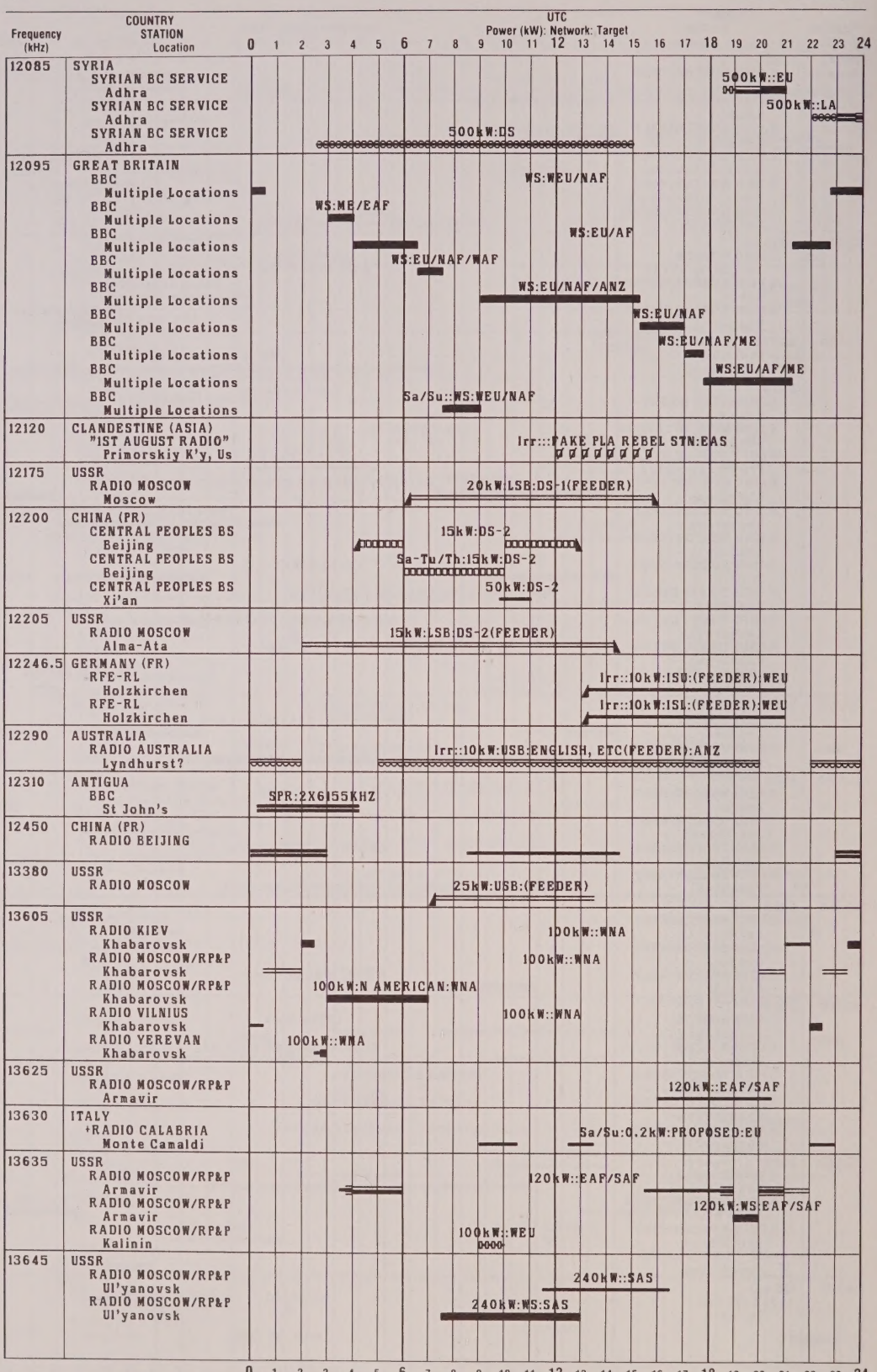

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11960 (con'd)
USSR
RADIO MOSCOW/RP&P
WS (J)
RADIO MOSCOW/RP&P
240kW:(J):EU/ATL
Serpukhov
RADIO VILNIUS
500kW:(J):CA
Simferopol'
11965
BRAZIL
RADIO RECORD
7.5kW:DS
São Paulo
FRANCE
RADIO FRANCE INTL
100kW::SA
Issoudun-Allouis
RADIO FRANCE INTL
500kW::WAF
Issoudun-Allouis
RADIO FRANCE INTL
500kW:(D):WAF
Issoudun-Allouis
RADIO FRANCE INTL
100kW:AMERICAIN:SA
Issoudun-Allouis
PHILIPPINES
VOICE OF AMERICA
250kW::EUSSR
Bamban-Tinang
VOICE OF AMERICA
250kW::EAS
Bamban-Tinang
VOICE OF AMERICA
250kW::SAS
Bamban-Tinang
VOICE OF AMERICA
250kW:(J):EUSSR
Bamban-Tinang
RWANDA
DEUTSCHE WELLE
250kW::CAF/SAF
Kigali
SINGAPORE
+BBC
250kW:WS (D):SEA/ANZ
Kranji
USA
WRNO WORLDWIDE
100kW::NA
New Orleans, La
WRNO WORLDWIDE
M-Sa:100kW::NA
New Orleans, La
WRNO WORLDWIDE
Su:100kW::NA
New Orleans, La
11970
CHINA (PR)
RADIO BEIJING
300kW::WNA
Beijing
RADIO BEIJING
500kW::ENA
Jinhua
RADIO BEIJING
500kW:(D):WNA/CA/SA
Jinhua
CUBA
RADIO HABANA
50kW:(D):SA
Havana
GERMANY (DR)
RADIO BERLIN INTL
50kW:(J):WNA
Nauen
GERMANY (FR)
RFE-RL
100kW::WUSSR
Biblis
RFE-RL
250kW::WUSSR
Holzkirchen
RFE-RL
100kW::WUSSR
Lampertheim
PORTUGAL
RFE-RL
100kW::EEU
Lisbon-Gloria
SPAIN
RFE-RL
250kW::WUSSR
Pals
USSR
RADIO MOSCOW/RP&P
500kW::EAS/SEA
Frunze, Kirgiziya
RADIO MOSCOW/RP&P
240kW:(J):WAF
Khar'kov
11975
CLANDESTINE (AFRICA)
"VO LIBYAN PEOPLE"
100kW:ANTI-QUADDAFI:NAF
Abu Za'bal, Egypt
EGYPT
RADIO CAIRO
100kW::EAF
Abu Za'bal
GERMANY (DR)
RADIO BERLIN INTL
100kW:(J):ENA
Nauen
USSR
RADIO MOSCOW/RP&P
240kW:(J):ME
Khar'kov
RADIO MOSCOW/RP&P
240kW:WS (J):ME
Khar'kov
11980 (con'd)
BELGIUM
BELGISCHE RADIO TV
250kW::AF
Wavre
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

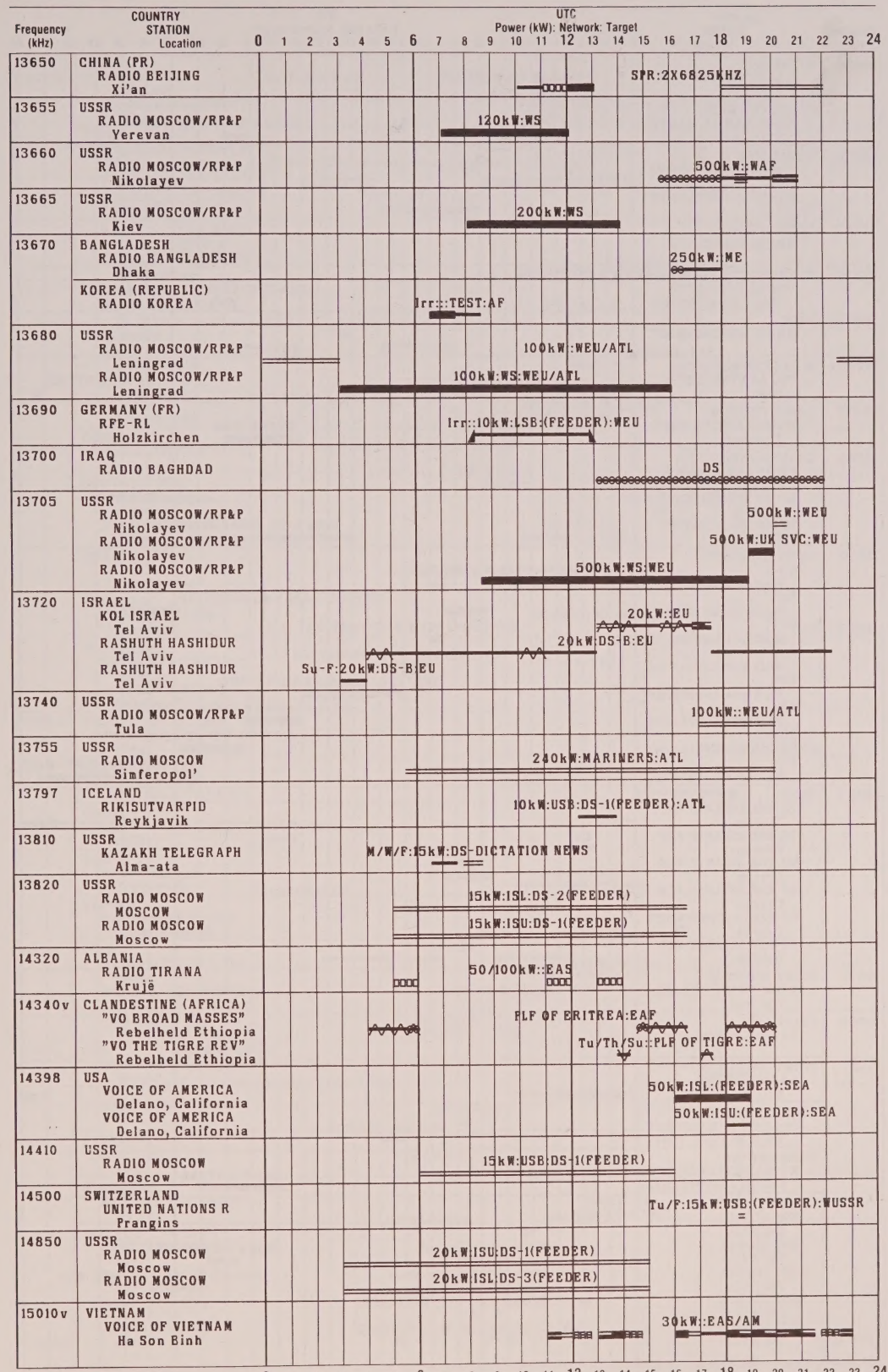

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
11980 (con'd)
BELGIUM
BELGISCHE RADIO TV
Wavre
250kW::SA
CHINA (PR)
RADIO BEIJING
Beijing
100kW::SA
RADIO BEIJING
Xi'an
120kW::SEA
USSR
RADIO MOSCOW/RP&P
Tbilisi
500kW:(J):CA/WEU
RADIO MOSCOW/RP&P
Vinnitsa
240kW:(J) WEU/WAF
11985
ALBANIA
RADIO TIRANA
Krujë
50/100kW::NAF/WAF
RADIO TIRANA
Krujë
50/100kW::SEA/ANZ
RADIO TIRANA
Krujë
50/100kW::SA
RADIO TIRANA
Krujë
50/100kW::WUSSR
RADIO TIRANA
Krujë
50/100kW::WEU
RADIO TIRANA
Krujë
50/100kW::ME
USSR
RADIO MOSCOW/RP&P
(J):SAS/ME
11990
CZECHOSLOVAKIA
RADIO PRAGUE
Pieštány-Velké k'y
250kW::ENA/CA
RADIO PRAGUE
Prague
120kW::EU
RADIO PRAGUE
Prague
120kW::AF
RADIO PRAGUE
Prague
Sa/Su:120kW::EU
RADIO PRAGUE
Prague
120kW:ENGLISH,FRENCH,GER:EU
KUWAIT
RADIO KUWAIT
Jadādiyah
Irr::500kW:DS-RAMADAN
RADIO KUWAIT
Jadādiyah
500kW:DS
USSR
RADIO MOSCOW
Komsomol'sk 'Amure
100kW:DS-2
RADIO MOSCOW/RP&P
Tula
100kW:(J):WAF
11995
CHINA (PR)
RADIO BEIJING
(J):SA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EAF
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::EEU/WUSSR
RADIO FRANCE INTL
Issoudun-Allouis
100kW:(J):EAF
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW::SA
RADIO FRANCE INTL
Montsinéry
50kW:(J):CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:SA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN (J):CA
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::SAS
USSR
BELORUSSIAN RADIO
Minsk
50kW:DS-1
12000
HUNGARY
RADIO BUDAPEST
SA
RADIO BUDAPEST
NA
RADIO BUDAPEST
EU
RADIO BUDAPEST
M:::NA
RADIO BUDAPEST
M-Sa:::SA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
12000 (con'd)
HUNGARY
RADIO BUDAPEST
Sa:::EU
Sa-M/W/Th:::EU
Su:::EU
Su:::SA
Su-Tu/Th/F:::NA
Su/M/Th:::EU
Tu-Su:::NA
Tu/F:::SA
Tu/F:::EU
W:::EU
W/Sa:::NA
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
400kW::AM
200kW::EAF/SAF
USSR
RADIO MOSCOW
Kazan'
RADIO MOSCOW
Vinnitsa
RADIO MOSCOW/RP&P
Armavir
RADIO MOSCOW/RP&P
Tula
100kW:DS-2
240kW:MARINERS:ATL/CA
100kW:WS:SAS
100kW::SAS
100kW::EU/WAF/ATL
12005
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::ME
USSR
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:WS
12010
USSR
RADIO MOSCOW
Komsomol'sk 'Amure
RADIO MOSCOW/RP&P
Serpukhov
RADIO TIKHIY OKEAN
Komsomol'sk 'Amure
240kW::PAC
240kW::EU/SA/CA
240kW:WS:EU
240kW:MARINERS:PAC
12015
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::WEU
M-Sa:100kW::WEU
Su:100kW::WEU
CHINA (PR)
RADIO BEIJING
Xi'an
120kW::SEA
120kW::SAS/ME
120kW::EEU
MONGOLIA
RADIO ULAN BATOR
Ulan Bator
250kW::EAS
M-Sa:250kW::EAS
PAKISTAN
RADIO PAKISTAN
Islamabad
250kW::NAF/WAF
USSR
RADIO MOSCOW/RP&P
Yerevan
100kW::EAF/SAF
100kW:AFRICAN:EAF/SAF
100kW:WS:EAF/SAF
12020 (con'd)
USSR
"RADIO MAGALLANES"
Via Radio Moscow
RADIO MOSCOW
Kenga
RADIO MOSCOW/RP&P
Chita
100kW::SA
100kW:LSB:DS-1(FEEDER)
240kW::SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

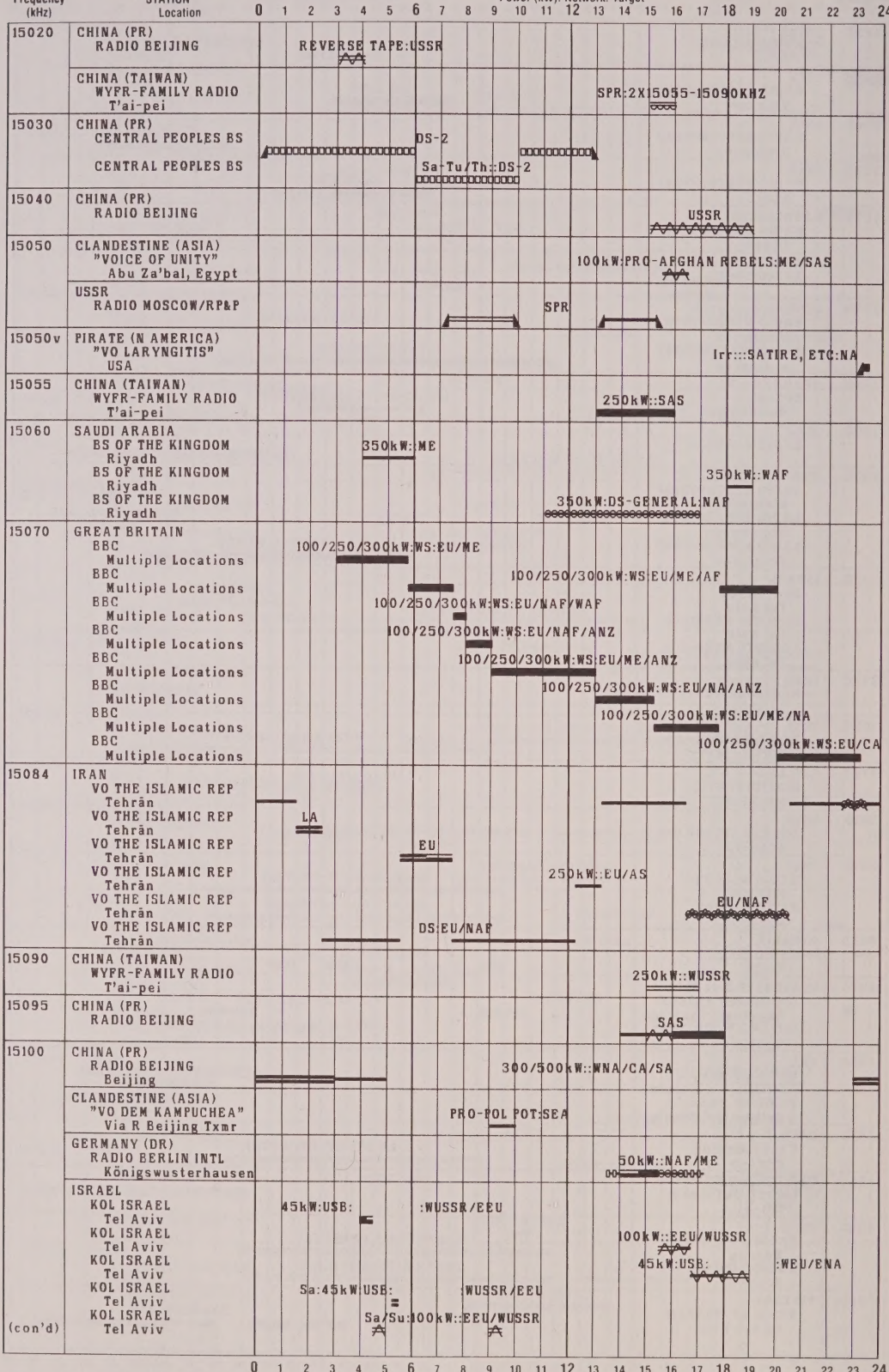

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
12020 (con'd)
USSR
RADIO MOSCOW/RP&P
Riga
100kW::EU/ATL/SA
VIETNAM
VOICE OF VIETNAM
Hanoi
30kW
12025
AUSTRIA
OSTERREICHISCHER R
Vienna
100kW::EAS
OSTERREICHISCHER R
Vienna
100kW::SAS/SEA
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::EAS
ISRAEL
KOL ISRAEL
Tel Aviv
300kW::SA
NORTHERN MARIANA IS
KFBS-FAR EAST BC
Saipan Island
100kW::EAS/SEA
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
50kW:PROPOSED:CA
12027.5
ISRAEL
KOL ISRAEL
Tel Aviv
KOL ISRAEL
Tel Aviv
KOL ISRAEL
Tel Aviv
300kW::WUSSR/EEU
300kW::EU/ENA
Sa/Su:300kW::WUSSR/EEU
12030
SWITZERLAND
SWISS BC CORP
SWISS RADIO INTL
SWISS RADIO INTL
DS-RSI:EU
AF
EU
USSR
"RADIO MAGALLANES"
Via Radio Moscow
RADIO MOSCOW
Petropavlovsk-Kam
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
RADIO MOSCOW/RP&P
Tula
RADIO MOSCOW/RP&P
Tula
RADIO TIKHIY OKEAN
Petropavlovsk-Kam
RADIO TIKHIY OKEAN
Petropavlovsk-Kam
RADIO TIKHIY OKEAN
Petropavlovsk-Kam
RADIO YEREVAN
Tula
240kW::SA
100kW::FAC
100kW::EAS
100kW:N AMERICAN:WNA
240kW::SA
240kW::NAF/WAF
100kW:MARINERS:PAC
Sa:100kW:MARINERS:PAC
Su-F:100kW:MARINERS:PAC
240kW::EU/WAF/SA
12035
SWITZERLAND
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL
M/Th::SA
Irr:Tu/F:::ENA/CA
Irr:Tu/F:::NA
Irr:M/Th::FRENCH, PORT:AF
SA
ENA/CA
NA
AF
VIETNAM
VOICE OF VIETNAM
Hanoi
30kW::SEA
12040
GREAT BRITAIN
BBC
BBC
BBC
EEU/WUSSR
Su:::EEU/WUSSR
Tu/F::FALKLANDS SVC:ATL/SA
USSR
"RADIO MAGALLANES"
Via Radio Moscow
RADIO MOSCOW/RP&P
Armavir
(con'd)
500kW::SA
500kW::SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING /\/\ or /
FADE-IN
FADE-OUT
+ TENTATIVE

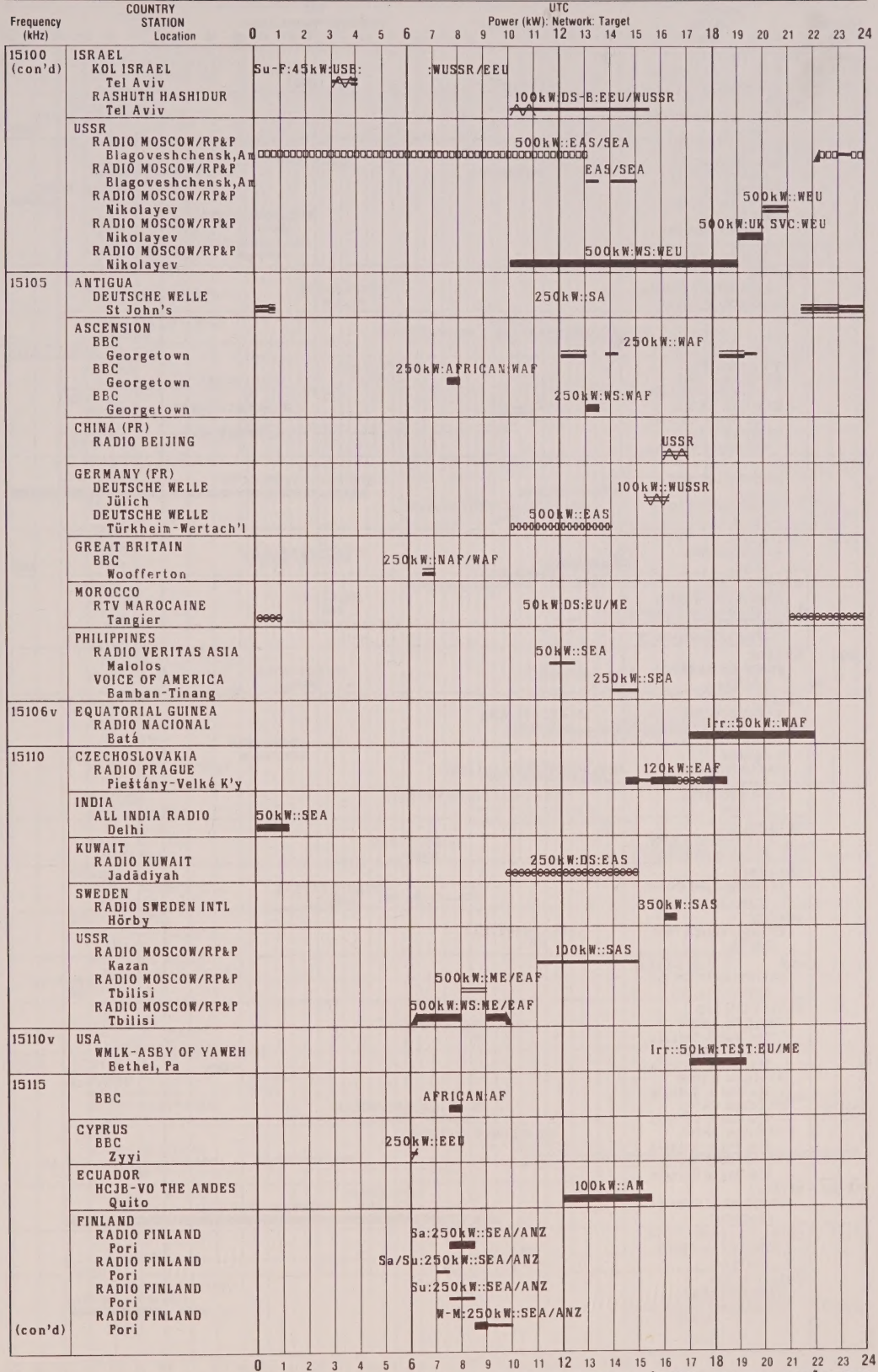

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
12040 (con'd)
USSR
RADIO MOSCOW/RP&P
Armavir
M/W/Th/Sa:500kW::SA
RADIO MOSCOW/RP&P
Armavir
Tu/F/Su:500kW::SA
RADIO MOSCOW/RP&P
Armavir
500kW::WEU/WAF
RADIO MOSCOW/RP&P
Ivano-Frankovsk
240kW:N AMERICAN:CA
RADIO MOSCOW/RP&P
Ivano-Frankovsk
240kW:WS:CA
RADIO MOSCOW/RP&P
Sverdlovsk
50kW::EAS
12045
USSR
RADIO MOSCOW
Voronezh, RSFSR
50kW:DS-1
RADIO MOSCOW/RSP&P
Kenga
240/500kW::EU
RADIO MOSCOW/RSP&P
Kenga
240/500kW:WS:EU
12050
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-GENERAL
USSR
KAMCHATKA RADIO
Khabarovsk
Th/Sa:100/240kW:MARINERS:PAC/WNA
RADIO MOSCOW
Khabarovsk
100/240kW::PAC/WNA
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
100kW::SEA
RADIO MOSCOW/RP&P
Khabarovsk
100/240kW:N AMERICAN:PAC/WNA
RADIO MOSCOW/RP&P
Khabarovsk
100/240kW:WS:PAC/WNA
RADIO MOSCOW/RP&P
Khabarovsk
Su-W/F:100/240kW:WS:PAC/WNA
RADIO MOSCOW/RP&P
Tbilisi
240kW::WAF/ATL
RADIO TIKHIY OKEAN
Khabarovsk
100/240kW:MARINERS:PAC/WNA
RADIO TIKHIY OKEAN
Khabarovsk
Sa:100/240kW:MARINERS:PAC/WNA
RADIO TIKHIY OKEAN
Khabarovsk
Su-F:100/240kW:MARINERS:PAC/WNA
RADIO YEREVAN
Tbilisi
240kW::WAF/SA
12055
USSR
RADIO MOSCOW/RP&P
Armavir
120kW::AF/ATL
RADIO MOSCOW/RP&P
Armavir
120kW:WS:AF/ATL
12060
USSR
RADIO MOSCOW/RP&P
Kenga
50/100kW:DS-1
RADIO MOSCOW/RP&P
Sverdlovsk
100kW::EU
RADIO MOSCOW/RP&P
Vinnitsa
500kW:N AMERICAN:ENA/CA
RADIO MOSCOW/RP&P
Voronezh
240kW:DS-2
12065
USSR
RADIO MOSCOW/RP&P
Armavir
500kW::EAF/SAF
RADIO MOSCOW/RP&P
Armavir
500kW:AFRICAN:EAF/SAF
RADIO MOSCOW/RP&P
Armavir
500kW:WS:EAF/SAF
12070
USSR
RADIO MOSCOW
Khabarovsk
100kW:DS-1
RADIO MOSCOW
L'vov
240/500kW:MARINERS:ATL
RADIO TIKHIY OKEAN
Khabarovsk
100kW:MARINERS:PAC
RADIO TIKHIY OKEAN
Khabarovsk
Sa:100kW:MARINERS:PAC
RADIO TIKHIY OKEAN
Khabarovsk
Su-F:100kW:MARINERS:PAC
12075
USSR
RADIO MOSCOW
Novosibirsk
50kW:DS-2
RADIO MOSCOW/RP&P
Alma-Ata
500kW:WS:SEA/ANZ
RADIO MOSCOW/RP&P
Sverdlovsk
100kW::ME
RADIO MOSCOW/RP&P
Sverdlovsk
100kW:WS:ME
12080
ISRAEL
KOL ISRAEL
Tel Aviv
50kW::WUSSR/EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
12085 SYRIA
SYRIAN BC SERVICE
Adhra
SYRIAN BC SERVICE
Adhra
SYRIAN BC SERVICE
Adhra
500kW::EU
500kW::LA
500kW:DS
12095 GREAT BRITAIN
BBC
Multiple Locations
WS:WEU/NAF
WS:ME/EAF
WS:EU/AF
WS:EU/NAF/WAF
WS:EU/NAF/ANZ
WS:EU/NAF
WS:EU/NAF/ME
WS:EU/AF/ME
Sa/Su::WS:WEU/NAF
12120 CLANDESTINE (ASIA)
"1ST AUGUST RADIO"
Primorskiy K'y, Us
Irr:::FAKE PLA REBEL STN:EAS
12175 USSR
RADIO MOSCOW
Moscow
20kW:LSB:DS-1(FEEDER)
12200 CHINA (PR)
CENTRAL PEOPLES BS
Beijing
CENTRAL PEOPLES BS
Beijing
CENTRAL PEOPLES BS
Xi'an
15kW:DS-2
Sa-Tu/Th:15kW:DS-2
50kW:DS-2
12205 USSR
RADIO MOSCOW
Alma-Ata
15kW:LSB:DS-2(FEEDER)
12246.5 GERMANY (FR)
RFE-RL
Holzkirchen
RFE-RL
Holzkirchen
Irr::10kW:ISU:(FEEDER):WEU
Irr::10kW:ISU:(FEEDER):WEU
12290 AUSTRALIA
RADIO AUSTRALIA
Lyndhurst?
Irr::10kW:USB:ENGLISH, ETC(FEEDER):ANZ
12310 ANTIGUA
BBC
St John's
SPR:2X6155KHZ
12450 CHINA (PR)
RADIO BEIJING
13380 USSR
RADIO MOSCOW
25kW:USB:(FEEDER)
13605 USSR
RADIO KIEV
Khabarovsk
RADIO MOSCOW/RP&P
Khabarovsk
RADIO MOSCOW/RP&P
Khabarovsk
RADIO VILNIUS
Khabarovsk
RADIO YEREVAN
Khabarovsk
100kW::WNA
100kW::WNA
100kW:N AMERICAN:WNA
100kW::WNA
100kW::WNA
13625 USSR
RADIO MOSCOW/RP&P
Armavir
120kW::EAF/SAF
13630 ITALY
+RADIO CALABRIA
Monte Camaldi
Sa/Su:0.2kW:PROPOSED:EU
13635 USSR
RADIO MOSCOW/RP&P
Armavir
RADIO MOSCOW/RP&P
Armavir
RADIO MOSCOW/RP&P
Kalinin
120kW::EAF/SAF
120kW:WS:EAF/SAF
100kW::WEU
13645 USSR
RADIO MOSCOW/RP&P
Ul'yanovsk
RADIO MOSCOW/RP&P
Ul'yanovsk
240kW::SAS
240kW:WS:SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE



ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋀ or / FADE-IN FADE-OUT + TENTATIVE

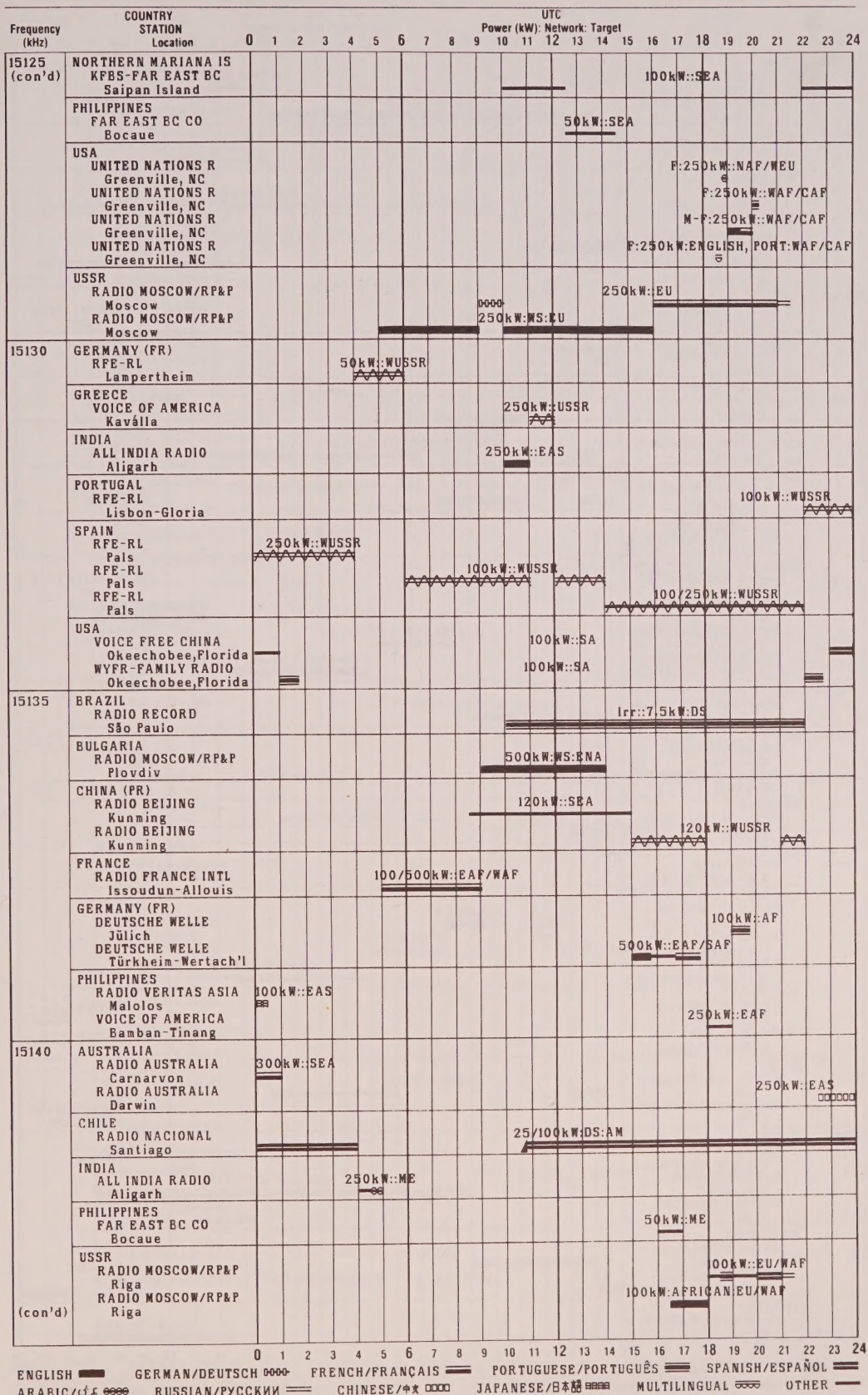

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15020
CHINA (PR) RADIO BEIJING
REVERSE TAPE:USSR
CHINA (TAIWAN) WYFR-FAMILY RADIO T'ai-pei
SPR:2X15055-15090KHZ
15030
CHINA (PR) CENTRAL PEOPLES BS
DS-2
CENTRAL PEOPLES BS
Sa-Tu/Th::DS-2
15040
CHINA (PR) RADIO BEIJING
USSR
15050
CLANDESTINE (ASIA) "VOICE OF UNITY" Abu Za'bal, Egypt
100kW:PRO-AFGHAN REBELS:ME/SAS
USSR RADIO MOSCOW/RP&P
SPR
15050v
PIRATE (N AMERICA) "VO LARYNGITIS" USA
Irr:::SATIRE, ETC:NA
15055
CHINA (TAIWAN) WYFR-FAMILY RADIO T'ai-pei
250kW::SAS
15060
SAUDI ARABIA BS OF THE KINGDOM Riyadh
350kW::ME
BS OF THE KINGDOM Riyadh
350kW::WAF
BS OF THE KINGDOM Riyadh
350kW:DS-GENERAL:NAF
15070
GREAT BRITAIN BBC Multiple Locations
100/250/300kW:WS:EU/ME
BBC Multiple Locations
100/250/300kW:WS:EU/ME/AF
BBC Multiple Locations
100/250/300kW:WS:EU/NAF/WAF
BBC Multiple Locations
100/250/300kW:WS:EU/NAF/ANZ
BBC Multiple Locations
100/250/300kW:WS:EU/ME/ANZ
BBC Multiple Locations
100/250/300kW:WS:EU/NA/ANZ
BBC Multiple Locations
100/250/300kW:WS:EU/ME/NA
BBC Multiple Locations
100/250/300kW:WS:EU/CA
15084
IRAN VO THE ISLAMIC REP Tehrān
VO THE ISLAMIC REP Tehrān
LA
VO THE ISLAMIC REP Tehrān
EU
VO THE ISLAMIC REP Tehrān
250kW::EU/AS
VO THE ISLAMIC REP Tehrān
EU/NAF
VO THE ISLAMIC REP Tehrān
DS:EU/NAF
15090
CHINA (TAIWAN) WYFR-FAMILY RADIO T'ai-pei
250kW::WUSSR
15095
CHINA (PR) RADIO BEIJING
SAS
15100
CHINA (PR) RADIO BEIJING Beijing
300/500kW::WNA/CA/SA
CLANDESTINE (ASIA) "VO DEM KAMPUCHEA" Via R Beijing Txmr
PRO-POL POT:SEA
GERMANY (DR) RADIO BERLIN INTL Königswusterhausen
50kW::NAF/ME
ISRAEL KOL ISRAEL Tel Aviv
45kW:USB:
:WUSSR/EEU
KOL ISRAEL Tel Aviv
100kW::EEU/WUSSR
KOL ISRAEL Tel Aviv
45kW:USB:
:WEU/ENA
KOL ISRAEL Tel Aviv
Sa:45kW:USB:
:WUSSR/EEU
KOL ISRAEL Tel Aviv
Sa/Su:100kW::EEU/WUSSR
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

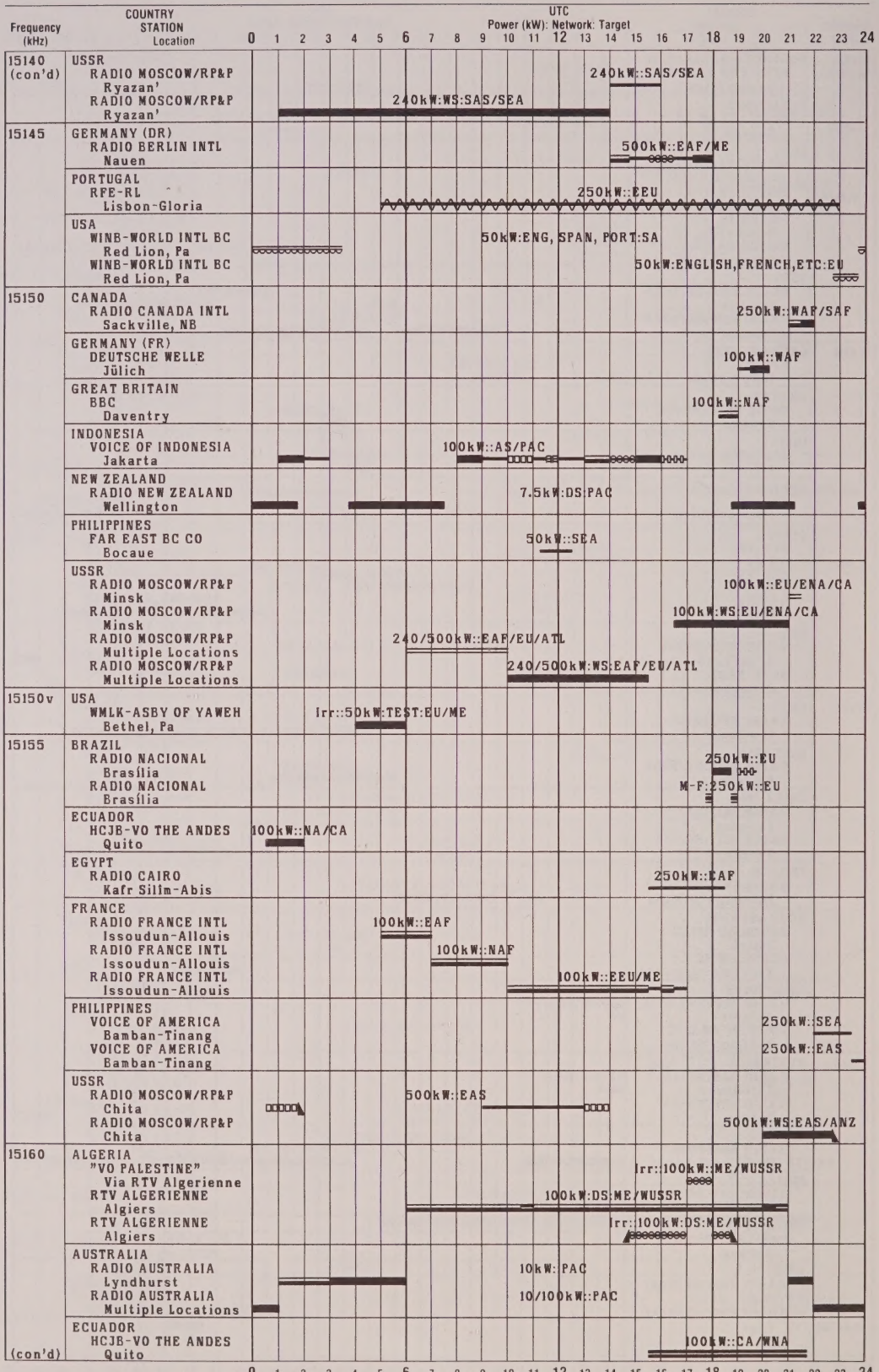

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15100 (con'd)
ISRAEL
KOL ISRAEL
Tel Aviv
Su-F:45kW:USE:
:WUSSR/EEU
RASHUTH HASHIDUR
Tel Aviv
100kW:DS-B:EEU/WUSSR
USSR
RADIO MOSCOW/RP&P
Blagoveshchensk,Am
500kW::EAS/SEA
RADIO MOSCOW/RP&P
Blagoveshchensk,Am
EAS/SEA
RADIO MOSCOW/RP&P
Nikolayev
500kW::WEU
RADIO MOSCOW/RP&P
Nikolayev
500kW:UK SVC:WEU
RADIO MOSCOW/RP&P
Nikolayev
500kW:WS:WEU
15105
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::SA
ASCENSION
BBC
Georgetown
250kW::WAF
BBC
Georgetown
250kW:AFRICAN:WAF
BBC
Georgetown
250kW:WS:WAF
CHINA (PR)
RADIO BEIJING
USSR
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::WUSSR
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EAS
GREAT BRITAIN
BBC
Woofferton
250kW::NAF/WAF
MOROCCO
RTV MAROCAINE
Tangier
50kW:DS:EU/ME
PHILIPPINES
RADIO VERITAS ASIA
Malolos
50kW::SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
15106v
EQUATORIAL GUINEA
RADIO NACIONAL
Batá
Irr::50kW::WAF
15110
CZECHOSLOVAKIA
RADIO PRAGUE
Pieštány-Velké K'y
120kW::EAF
INDIA
ALL INDIA RADIO
Delhi
50kW::SEA
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW:DS:EAS
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::SAS
USSR
RADIO MOSCOW/RP&P
Kazan
100kW::SAS
RADIO MOSCOW/RP&P
Tbilisi
500kW::ME/EAF
RADIO MOSCOW/RP&P
Tbilisi
500kW:WS:ME/EAF
15110v
USA
WMLK-ASBY OF YAWEH
Bethel, Pa
Irr::50kW:TEST:EU/ME
15115
BBC
AFRICAN:AF
CYPRUS
BBC
Zyyi
250kW::EEU
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::AM
FINLAND
RADIO FINLAND
Pori
Sa:250kW::SEA/ANZ
RADIO FINLAND
Pori
Sa/Su:250kW::SEA/ANZ
RADIO FINLAND
Pori
Su:250kW::SEA/ANZ
RADIO FINLAND
Pori
W-M:250kW::SEA/ANZ
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

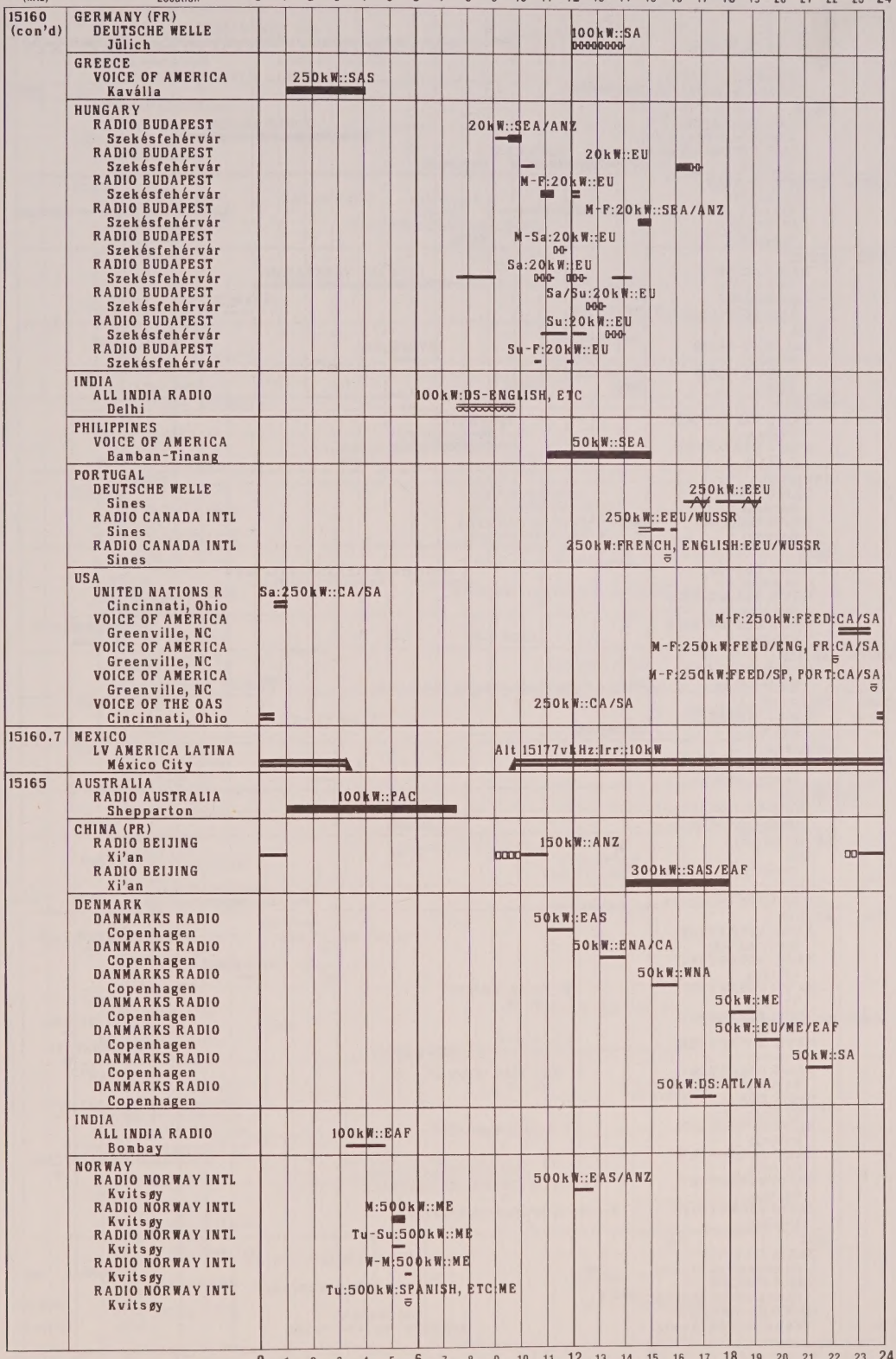
Frequency (kHz)	COUNTRY STATION Location	UTC Power (kW): Network: Target
15115 (con'd)	GREAT BRITAIN BBC Daventry	100kW::NAF
	GUAM KTWR-TRANS WORLD R Merizo	100kW::EAS
	PORTUGAL RFE-RL Lisbon-Gloria	100kW::EEU
	RFE-RL Lisbon-Gloria	100kW::WUSSR
	RFE-RL Lisbon-Gloria	M-Sa:100kW::WUSSR
	RFE-RL Lisbon-Gloria	Su:100kW::EEU
	SWEDEN RADIO SWEDEN INTL Hörby	350kW::ANZ
	USA UNITED NATIONS R Greenville, NC	Sa:50kW::WAF/CAF
	VATICAN STATE VATICAN RADIO Sta Maria Galeria	500kW::SAS
	VATICAN RADIO Sta Maria Galeria	M-Sa:500kW::SAS
	VATICAN RADIO Sta Maria Galeria	Su:500kW::SAS
15119.4	PERU RADIO LIBERTAD Junín	SPR:DS/3X5039.8KHZ
	RADIO LIBERTAD Junín	Irr:::SPR:DS/3X5039.8KHZ
15120	CHINA (PR) RADIO BEIJING Xi'an	150kW::ENA/CA/SA
	GERMANY (FR) DEUTSCHE WELLE Jülich	100kW::ME
	DEUTSCHE WELLE Jülich/Türkheim-W'	100/500kW::ME
	GREECE VOICE OF AMERICA Kaválla	250kW::USSR
	POLAND RADIO POLONIA Warsaw	100kW::ATL/ENA
	RADIO POLONIA Warsaw	100kW::WAF
	RADIO POLONIA Warsaw	100kW:MARINERS:ATL/ENA
	RADIO POLONIA Warsaw	100kW:MARINERS:WAF/ATL
	SEYCHELLES FAR EAST BC ASS'N North Pt, Mahé Is	Su:80kW::SAS
	SRI LANKA SRI LANKA BC CORP Colombo	35kW::SEA/EAS
	SWEDEN RADIO SWEDEN INTL Hörby	350kW::USSR/EAS
	USA UNITED NATIONS R Greenville, NC	F:250kW::CA
	VATICAN STATE VATICAN RADIO Sta Maria Galeria	100kW::EEU/WUSSR
	VATICAN RADIO Sta Maria Galeria	500kW::EAF/ME
	VATICAN RADIO Sta Maria Galeria	100kW::AF
	VATICAN RADIO Sta Maria Galeria	Su:100kW::EEU/WUSSR
	VATICAN RADIO Sta Maria Galeria	Th:100kW::EEU/WUSSR
	VATICAN RADIO Sta Maria Galeria	100kW:FR, ENG, SP, ETC:AF
15120v	NIGERIA VOICE OF NIGERIA Ikorodu	100kW::NAF/EU/FAC
15125	CHINA (TAIWAN) +VOICE FREE CHINA T'ai-pei	SEA
(con'd)	CUBA RADIO HABANA Havana	50kW::EU/ME/NAF

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

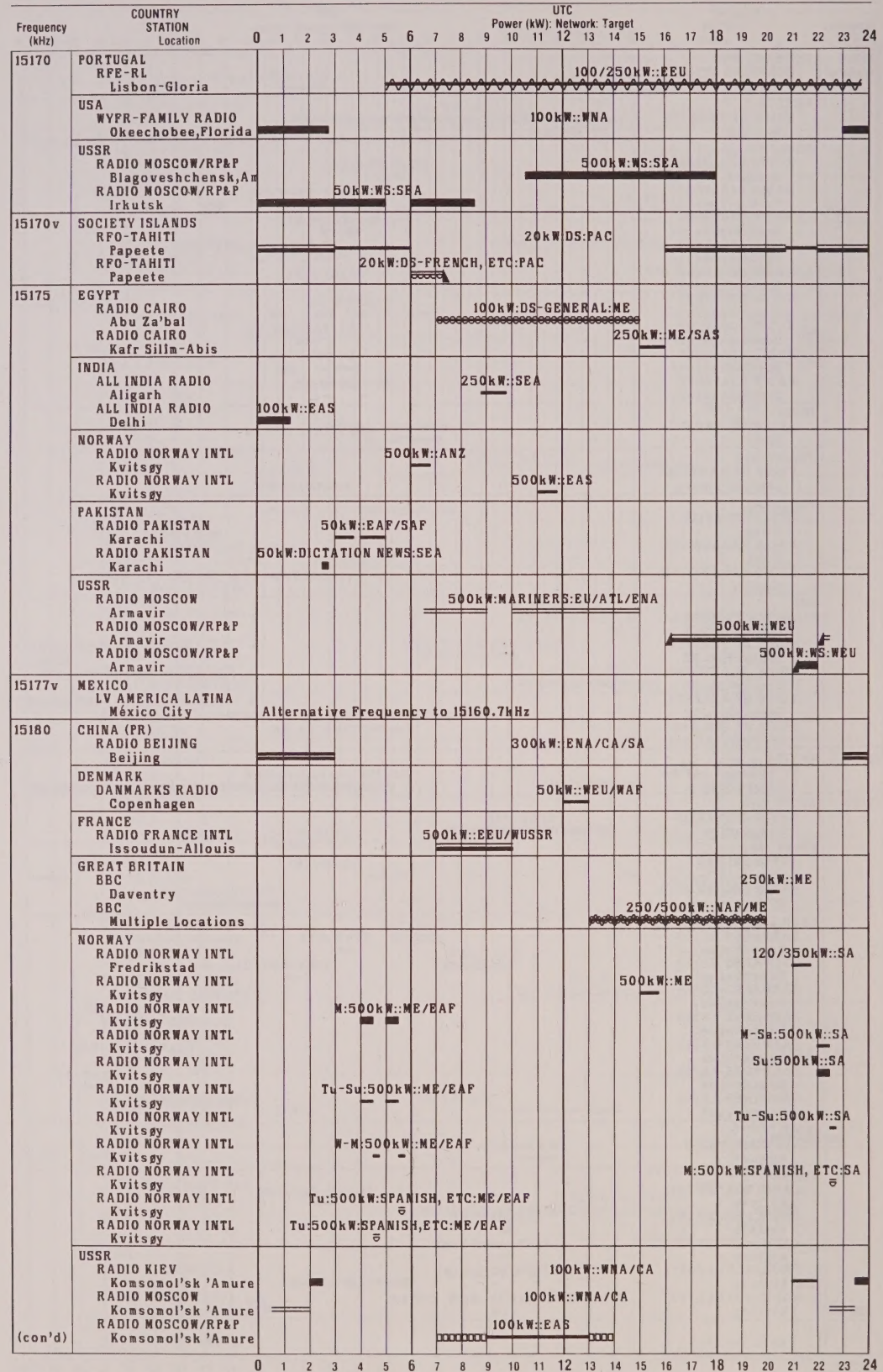
ENGLISH ■ GERMAN/DEUTSCH ▫▫▫ FRENCH/FRANÇAIS ═ PORTUGUESE/PORTUGUÊS ═ SPANISH/ESPAÑOL ═
ARABIC/عربي ▫▫▫ RUSSIAN/РУССКИЙ ═ CHINESE/中文 ▫▫▫ JAPANESE/日本語 ▫▫▫ MULTILINGUAL ▫▫▫ OTHER —
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⩘ or / FADE-IN ◢ FADE-OUT ◣ + TENTATIVE

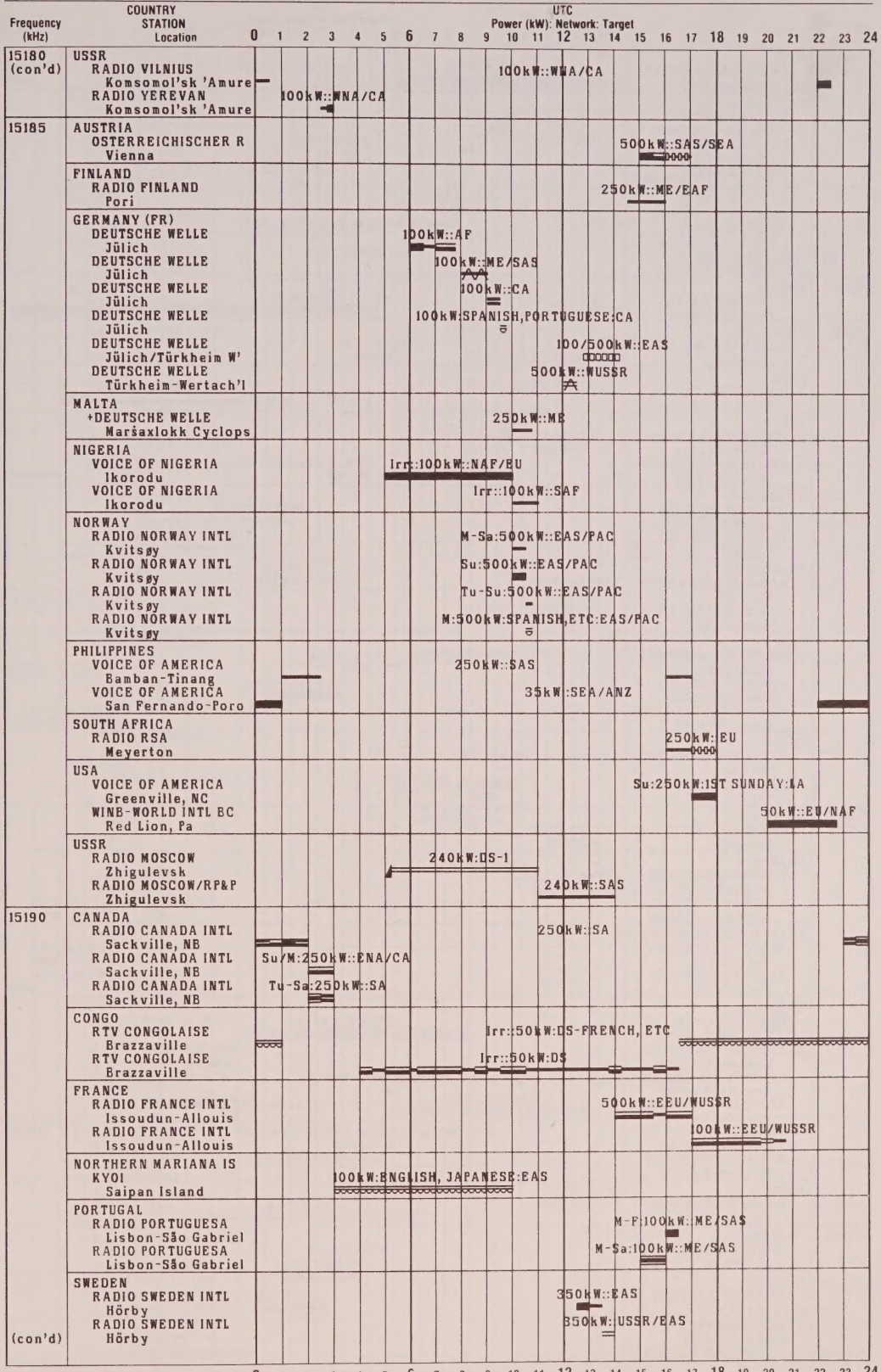

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15125 (con'd)
NORTHERN MARIANA IS KFBS-FAR EAST BC Saipan Island
100kW::SEA
PHILIPPINES FAR EAST BC CO Bocaue
50kW::SEA
USA UNITED NATIONS R Greenville, NC
F:250kW::NAF/MEU
F:250kW::WAF/CAF
M-F:250kW::WAF/CAF
F:250kW:ENGLISH, PORT:WAF/CAF
USSR RADIO MOSCOW/RP&P Moscow
250kW::EU
250kW:WS:EU
15130
GERMANY (FR) RFE-RL Lampertheim
50kW::WUSSR
GREECE VOICE OF AMERICA Kaválla
250kW::USSR
INDIA ALL INDIA RADIO Aligarh
250kW::EAS
PORTUGAL RFE-RL Lisbon-Gloria
100kW::WUSSR
SPAIN RFE-RL Pals
250kW::WUSSR
100kW::WUSSR
100/250kW::WUSSR
USA VOICE FREE CHINA Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::SA
15135
BRAZIL RADIO RECORD São Paulo
1rr::7.5kW:DS
BULGARIA RADIO MOSCOW/RP&P Plovdiv
500kW:WS:ENA
CHINA (PR) RADIO BEIJING Kunming
120kW::SEA
RADIO BEIJING Kunming
120kW::WUSSR
FRANCE RADIO FRANCE INTL Issoudun-Allouis
100/500kW::EAF/WAF
GERMANY (FR) DEUTSCHE WELLE Jülich
100kW::AF
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::EAF/SAF
PHILIPPINES RADIO VERITAS ASIA Malolos
100kW::EAS
VOICE OF AMERICA Bamban-Tinang
250kW::EAF
15140
AUSTRALIA RADIO AUSTRALIA Carnarvon
300kW::SEA
RADIO AUSTRALIA Darwin
250kW::EAS
CHILE RADIO NACIONAL Santiago
25/100kW:DS:AM
INDIA ALL INDIA RADIO Aligarh
250kW::ME
PHILIPPINES FAR EAST BC CO Bocaue
50kW::ME
USSR RADIO MOSCOW/RP&P Riga
100kW::EU/WAF
RADIO MOSCOW/RP&P Riga
100kW:AFRICAN:EU/WAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

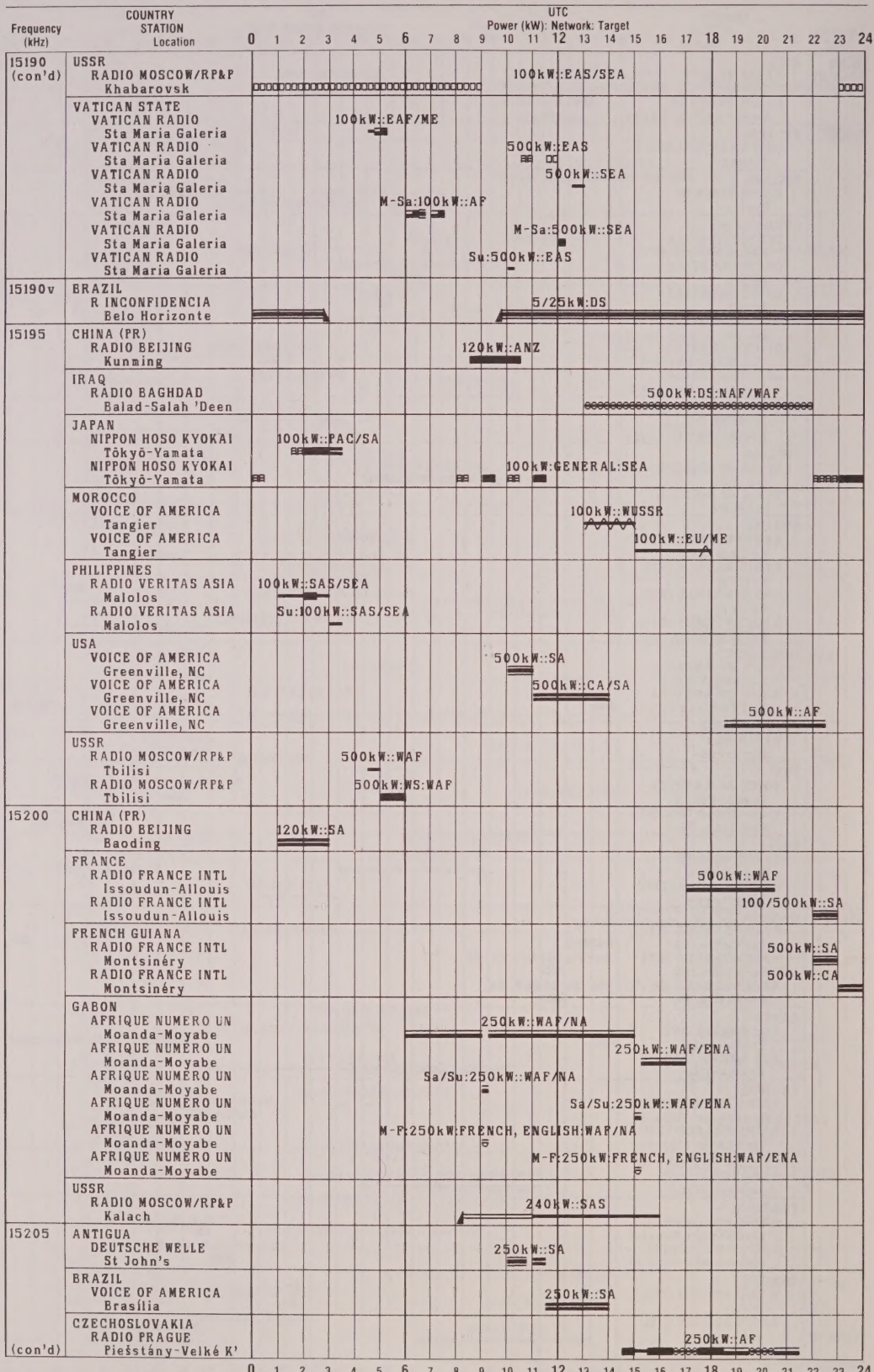

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15140 (con'd)
USSR
RADIO MOSCOW/RP&P Ryazan'
RADIO MOSCOW/RP&P Ryazan'
240kW::SAS/SEA
240kW:WS:SAS/SEA
15145
GERMANY (DR)
RADIO BERLIN INTL Nauen
500kW::EAF/ME
PORTUGAL
RFE-RL Lisbon-Gloria
250kW::EEU
USA
WINB-WORLD INTL BC Red Lion, Pa
WINB-WORLD INTL BC Red Lion, Pa
50kW:ENG, SPAN, PORT:SA
50kW:ENGLISH,FRENCH,ETC:EU
15150
CANADA
RADIO CANADA INTL Sackville, NB
250kW::WAF/SAF
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW::WAF
GREAT BRITAIN
BBC Daventry
100kW::NAF
INDONESIA
VOICE OF INDONESIA Jakarta
100kW::AS/PAC
NEW ZEALAND
RADIO NEW ZEALAND Wellington
7.5kW:DS:PAC
PHILIPPINES
FAR EAST BC CO Bocaue
50kW::SEA
USSR
RADIO MOSCOW/RP&P Minsk
RADIO MOSCOW/RP&P Minsk
RADIO MOSCOW/RP&P Multiple Locations
RADIO MOSCOW/RP&P Multiple Locations
100kW::EU/ENA/CA
100kW:WS:EU/ENA/CA
240/500kW::EAF/EU/ATL
240/500kW:WS:EAF/EU/ATL
15150v
USA
WMLK-ASBY OF YAWEH Bethel, Pa
Irr::50kW:TEST:EU/ME
15155
BRAZIL
RADIO NACIONAL Brasília
RADIO NACIONAL Brasília
250kW::EU
M-F:250kW::EU
ECUADOR
HCJB-VO THE ANDES Quito
100kW::NA/CA
EGYPT
RADIO CAIRO Kafr Silîm-Abis
250kW::EAF
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
RADIO FRANCE INTL Issoudun-Allouis
RADIO FRANCE INTL Issoudun-Allouis
100kW::EAF
100kW::NAF
100kW::EEU/ME
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
VOICE OF AMERICA Bamban-Tinang
250kW::SEA
250kW::EAS
USSR
RADIO MOSCOW/RP&P Chita
RADIO MOSCOW/RP&P Chita
500kW::EAS
500kW:WS:EAS/ANZ
15160
ALGERIA
"VO PALESTINE" Via RTV Algerienne
RTV ALGERIENNE Algiers
RTV ALGERIENNE Algiers
Irr::100kW::ME/WUSSR
100kW:DS:ME/WUSSR
Irr::100kW:DS:ME/WUSSR
AUSTRALIA
RADIO AUSTRALIA Lyndhurst
RADIO AUSTRALIA Multiple Locations
10kW::PAC
10/100kW::PAC
ECUADOR
HCJB-VO THE ANDES Quito
(con'd)
100kW::CA/WNA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

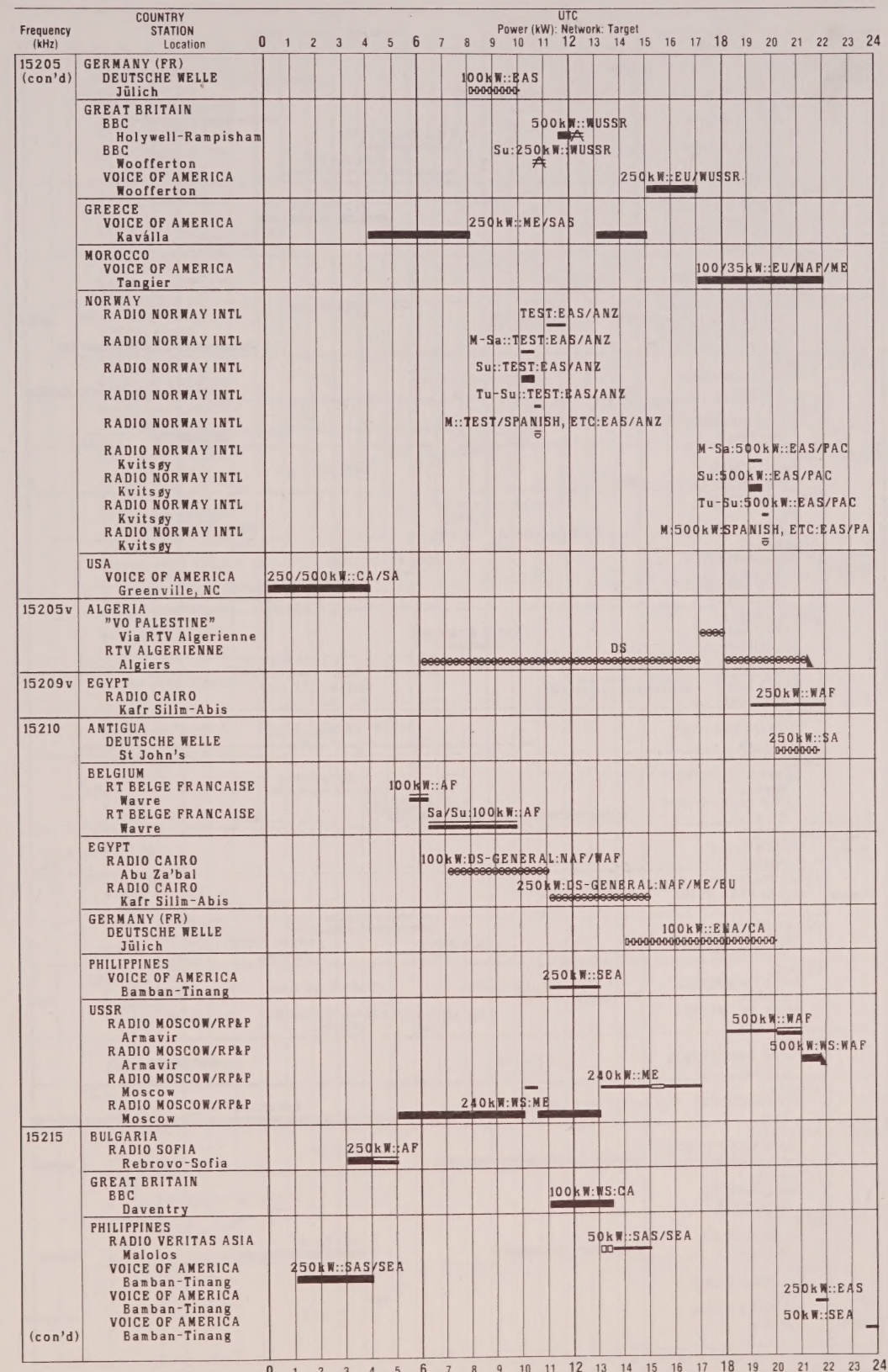


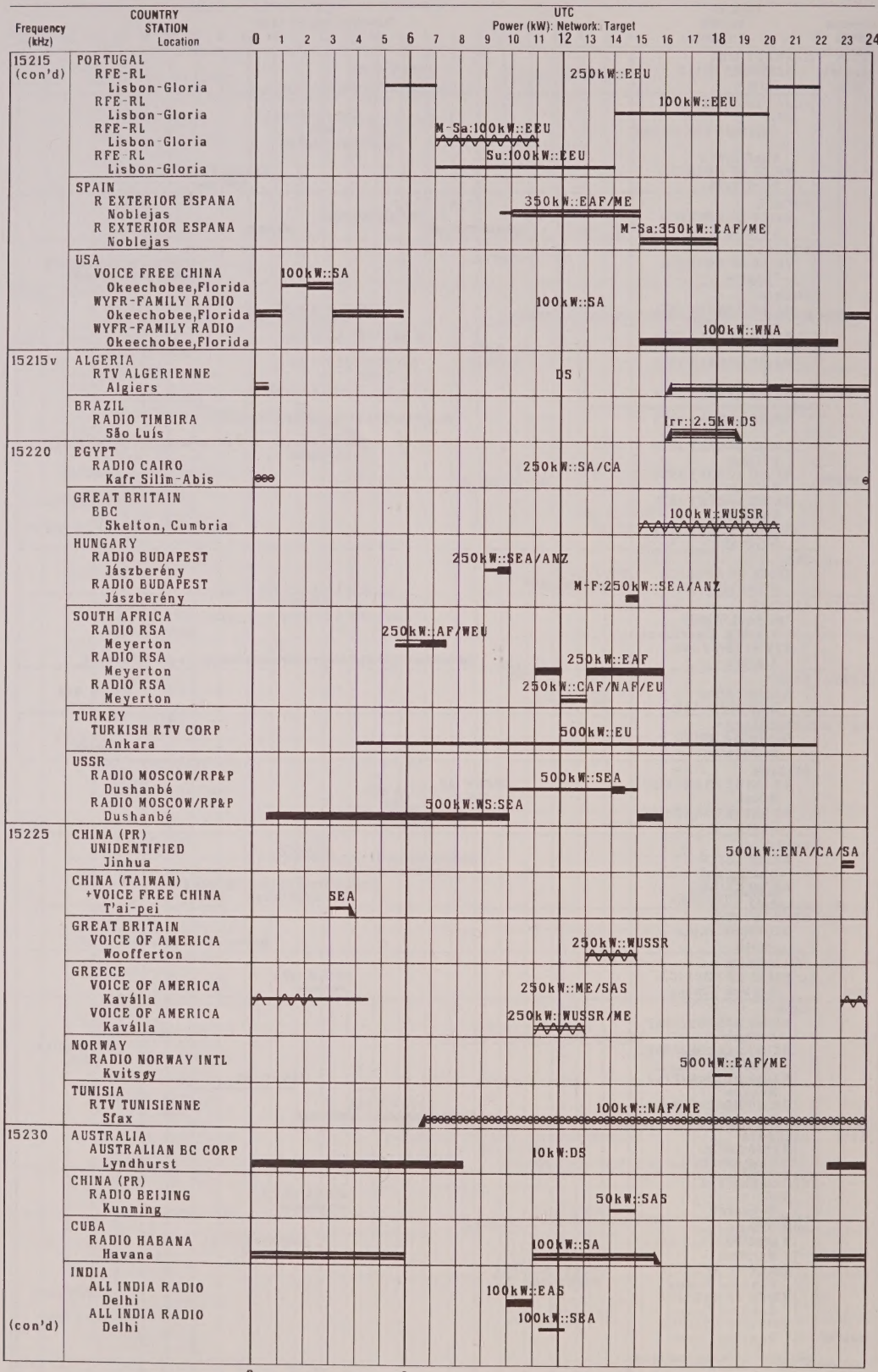
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING ⋀⋀ or / FADE-IN FADE-OUT + TENTATIVE

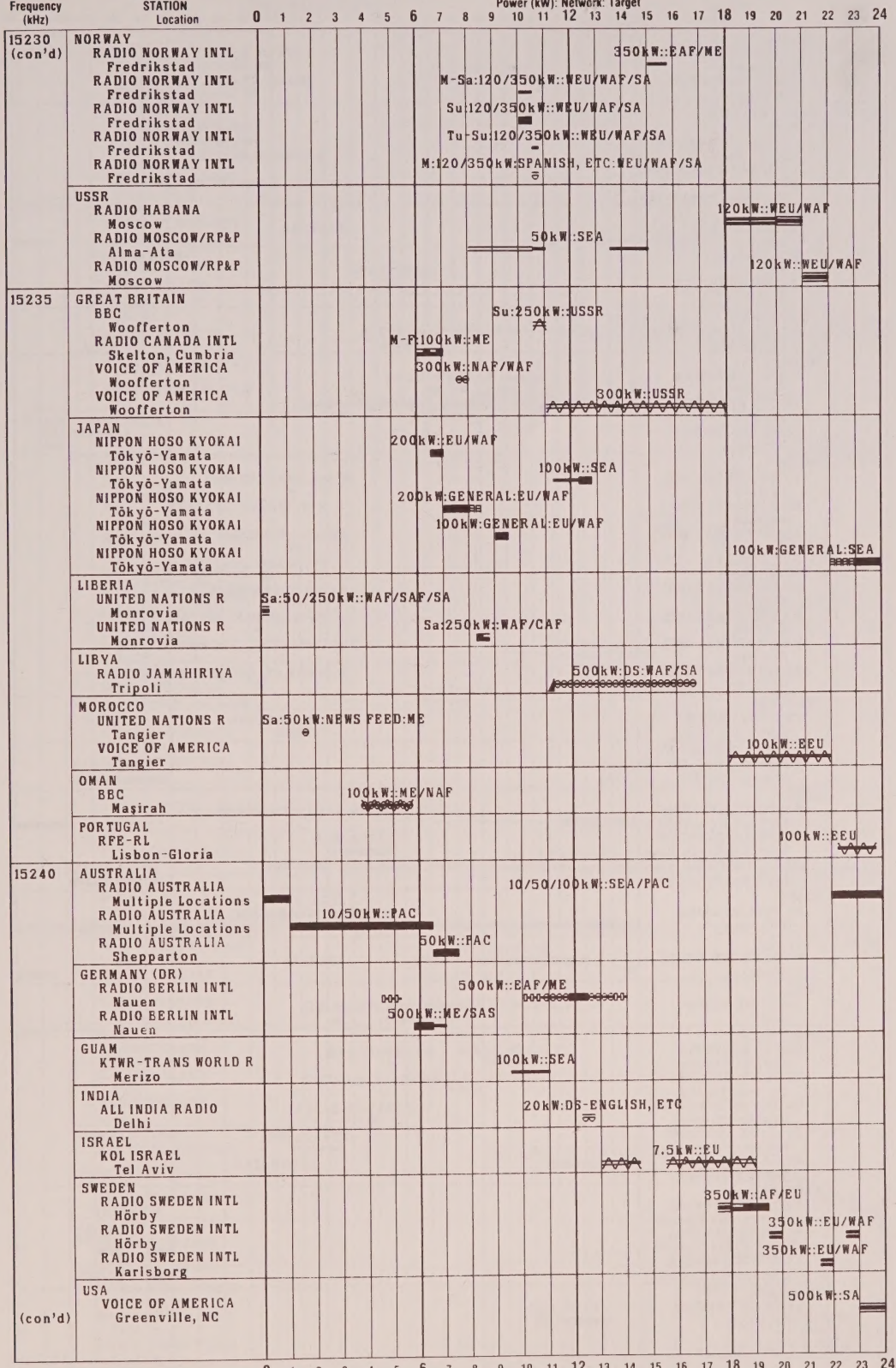

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15170
PORTUGAL
RFE-RL
Lisbon-Gloria
100/250kW::EEU
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::WNA
USSR
RADIO MOSCOW/RP&P
Blagoveshchensk,Am
500kW:WS:SEA
RADIO MOSCOW/RP&P
Irkutsk
50kW:WS:SEA
15170v
SOCIETY ISLANDS
RFO-TAHITI
Papeete
20kW:DS:PAC
RFO-TAHITI
Papeete
20kW:DS-FRENCH, ETC:PAC
15175
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-GENERAL:ME
RADIO CAIRO
Kafr Sillm-Abis
250kW::ME/SAS
INDIA
ALL INDIA RADIO
Aligarh
250kW::SEA
ALL INDIA RADIO
Delhi
100kW::EAS
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::ANZ
RADIO NORWAY INTL
Kvitsøy
500kW::EAS
PAKISTAN
RADIO PAKISTAN
Karachi
50kW::EAF/SAF
RADIO PAKISTAN
Karachi
50kW:DICTATION NEWS:SEA
USSR
RADIO MOSCOW
Armavir
500kW:MARINERS:EU/ATL/ENA
RADIO MOSCOW/RP&P
Armavir
500kW::WEU
RADIO MOSCOW/RP&P
Armavir
500kW:WS:WEU
15177v
MEXICO
LV AMERICA LATINA
México City
Alternative Frequency to 15160.7kHz
15180
CHINA (PR)
RADIO BEIJING
Beijing
300kW::ENA/CA/SA
DENMARK
DANMARKS RADIO
Copenhagen
50kW::WEU/WAF
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::EEU/WUSSR
GREAT BRITAIN
BBC
Daventry
250kW::ME
BBC
Multiple Locations
250/500kW::NAF/ME
NORWAY
RADIO NORWAY INTL
Fredrikstad
120/350kW::SA
RADIO NORWAY INTL
Kvitsøy
500kW::ME
RADIO NORWAY INTL
Kvitsøy
M:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::SA
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SA
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::SA
RADIO NORWAY INTL
Kvitsøy
W-M:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:SA
RADIO NORWAY INTL
Kvitsøy
Tu:500kW:SPANISH, ETC:ME/EAF
RADIO NORWAY INTL
Kvitsøy
Tu:500kW:SPANISH,ETC:ME/EAF
USSR
RADIO KIEV
Komsomol'sk 'Amure
100kW::WNA/CA
RADIO MOSCOW
Komsomol'sk 'Amure
100kW::WNA/CA
RADIO MOSCOW/RP&P
Komsomol'sk 'Amure
100kW::EAS
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

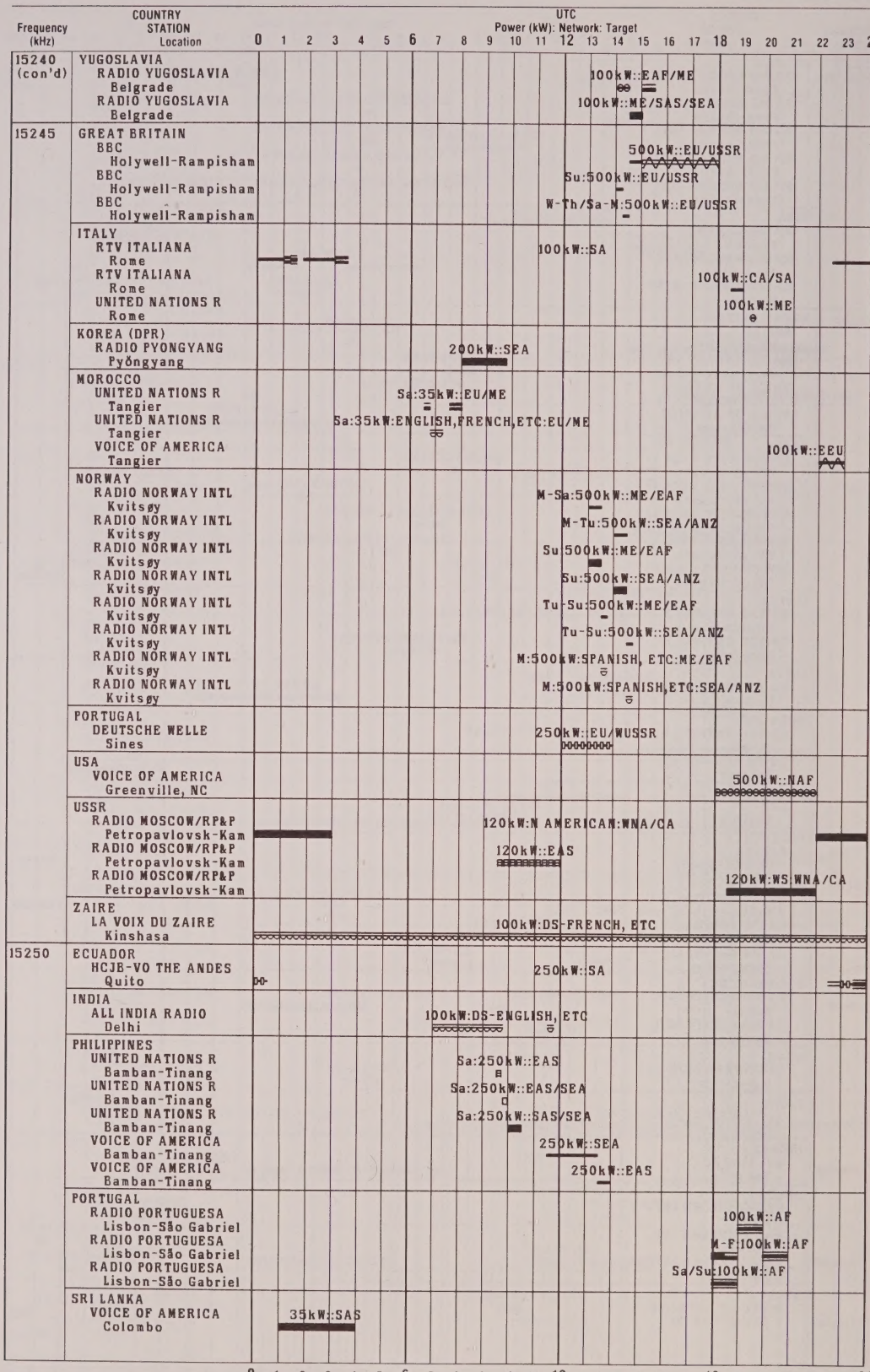

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15180 (con'd)
USSR
RADIO VILNIUS Komsomol'sk 'Amure
100kW::WNA/CA
RADIO YEREVAN Komsomol'sk 'Amure
100kW::WNA/CA
15185
AUSTRIA
OSTERREICHISCHER R Vienna
500kW::SAS/SEA
FINLAND
RADIO FINLAND Pori
250kW::ME/EAF
GERMANY (FR)
DEUTSCHE WELLE Jülich
100kW::AF
DEUTSCHE WELLE Jülich
100kW::ME/SAS
DEUTSCHE WELLE Jülich
100kW::CA
DEUTSCHE WELLE Jülich
100kW:SPANISH,PORTUGUESE:CA
DEUTSCHE WELLE Jülich/Türkheim W'
100/500kW::EAS
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::WUSSR
MALTA
+DEUTSCHE WELLE Marsaxlokk Cyclops
250kW::ME
NIGERIA
VOICE OF NIGERIA Ikorodu
Irr::100kW::NAF/EU
VOICE OF NIGERIA Ikorodu
Irr::100kW::SAF
NORWAY
RADIO NORWAY INTL Kvitsøy
M-Sa:500kW::EAS/PAC
RADIO NORWAY INTL Kvitsøy
Su:500kW::EAS/PAC
RADIO NORWAY INTL Kvitsøy
Tu-Su:500kW::EAS/PAC
RADIO NORWAY INTL Kvitsøy
M:500kW:SPANISH,ETC:EAS/PAC
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW::SAS
VOICE OF AMERICA San Fernando-Poro
35kW::SEA/ANZ
SOUTH AFRICA
RADIO RSA Meyerton
250kW::EU
USA
VOICE OF AMERICA Greenville, NC
Su:250kW:1ST SUNDAY:EA
WINB-WORLD INTL BC Red Lion, Pa
50kW::EU/NAF
USSR
RADIO MOSCOW Zhigulevsk
240kW:DS-1
RADIO MOSCOW/RP&P Zhigulevsk
240kW::SAS
15190
CANADA
RADIO CANADA INTL Sackville, NB
250kW::SA
RADIO CANADA INTL Sackville, NB
Su/M:250kW::ENA/CA
RADIO CANADA INTL Sackville, NB
Tu-Sa:250kW::SA
CONGO
RTV CONGOLAISE Brazzaville
Irr::50kW:DS-FRENCH, ETC
RTV CONGOLAISE Brazzaville
Irr::50kW:DS
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
500kW::EEU/WUSSR
RADIO FRANCE INTL Issoudun-Allouis
100kW::EEU/WUSSR
NORTHERN MARIANA IS
KYOI Saipan Island
100kW:ENGLISH, JAPANESE:EAS
PORTUGAL
RADIO PORTUGUESA Lisbon-São Gabriel
M-F:100kW::ME/SAS
RADIO PORTUGUESA Lisbon-São Gabriel
M-Sa:100kW::ME/SAS
SWEDEN
RADIO SWEDEN INTL Hörby
350kW::EAS
RADIO SWEDEN INTL Hörby
(con'd)
350kW::USSR/EAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

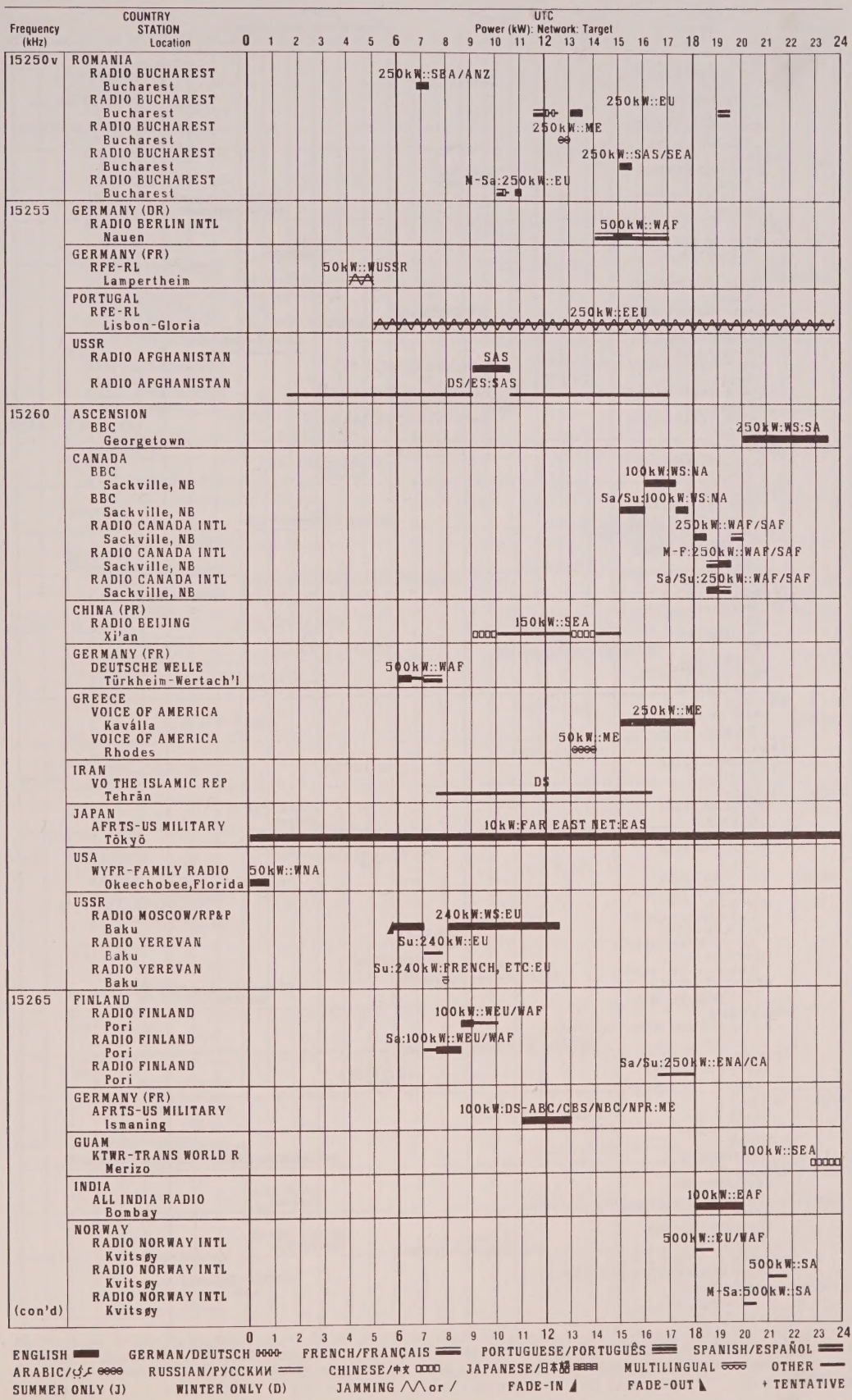

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15190 (con'd)
USSR
RADIO MOSCOW/RP&P
Khabarovsk
100kW::EAS/SEA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EAF/ME
VATICAN RADIO
Sta Maria Galeria
500kW::EAS
VATICAN RADIO
Sta Maria Galeria
500kW::SEA
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW::AF
VATICAN RADIO
Sta Maria Galeria
M-Sa:500kW::SEA
VATICAN RADIO
Sta Maria Galeria
Su:500kW::EAS
15190v
BRAZIL
R INCONFIDENCIA
Belo Horizonte
5/25kW:DS
15195
CHINA (PR)
RADIO BEIJING
Kunming
120kW::ANZ
IRAQ
RADIO BAGHDAD
Balad-Salah 'Deen
500kW:DS:NAF/WAF
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::PAC/SA
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:SEA
MOROCCO
VOICE OF AMERICA
Tangier
100kW::WUSSR
VOICE OF AMERICA
Tangier
100kW::EU/ME
PHILIPPINES
RADIO VERITAS ASIA
Malolos
100kW::SAS/SEA
RADIO VERITAS ASIA
Malolos
Su:100kW::SAS/SEA
USA
VOICE OF AMERICA
Greenville, NC
500kW::SA
VOICE OF AMERICA
Greenville, NC
500kW::CA/SA
VOICE OF AMERICA
Greenville, NC
500kW::AF
USSR
RADIO MOSCOW/RP&P
Tbilisi
500kW::WAF
RADIO MOSCOW/RP&P
Tbilisi
500kW::WS:WAF
15200
CHINA (PR)
RADIO BEIJING
Baoding
120kW::SA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::WAF
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::SA
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::SA
RADIO FRANCE INTL
Montsinéry
500kW::CA
GABON
AFRIQUE NUMERO UN
Moanda-Moyabe
250kW::WAF/NA
AFRIQUE NUMERO UN
Moanda-Moyabe
250kW::WAF/ENA
AFRIQUE NUMERO UN
Moanda-Moyabe
Sa/Su:250kW::WAF/NA
AFRIQUE NUMERO UN
Moanda-Moyabe
Sa/Su:250kW::WAF/ENA
AFRIQUE NUMERO UN
Moanda-Moyabe
M-F:250kW:FRENCH, ENGLISH:WAF/NA
AFRIQUE NUMERO UN
Moanda-Moyabe
M-F:250kW:FRENCH, ENGLISH:WAF/ENA
USSR
RADIO MOSCOW/RP&P
Kalach
240kW::SAS
15205
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::SA
BRAZIL
VOICE OF AMERICA
Brasília
250kW::SA
CZECHOSLOVAKIA
RADIO PRAGUE
Piešťany-Velké K'
(con'd)
250kW::AF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

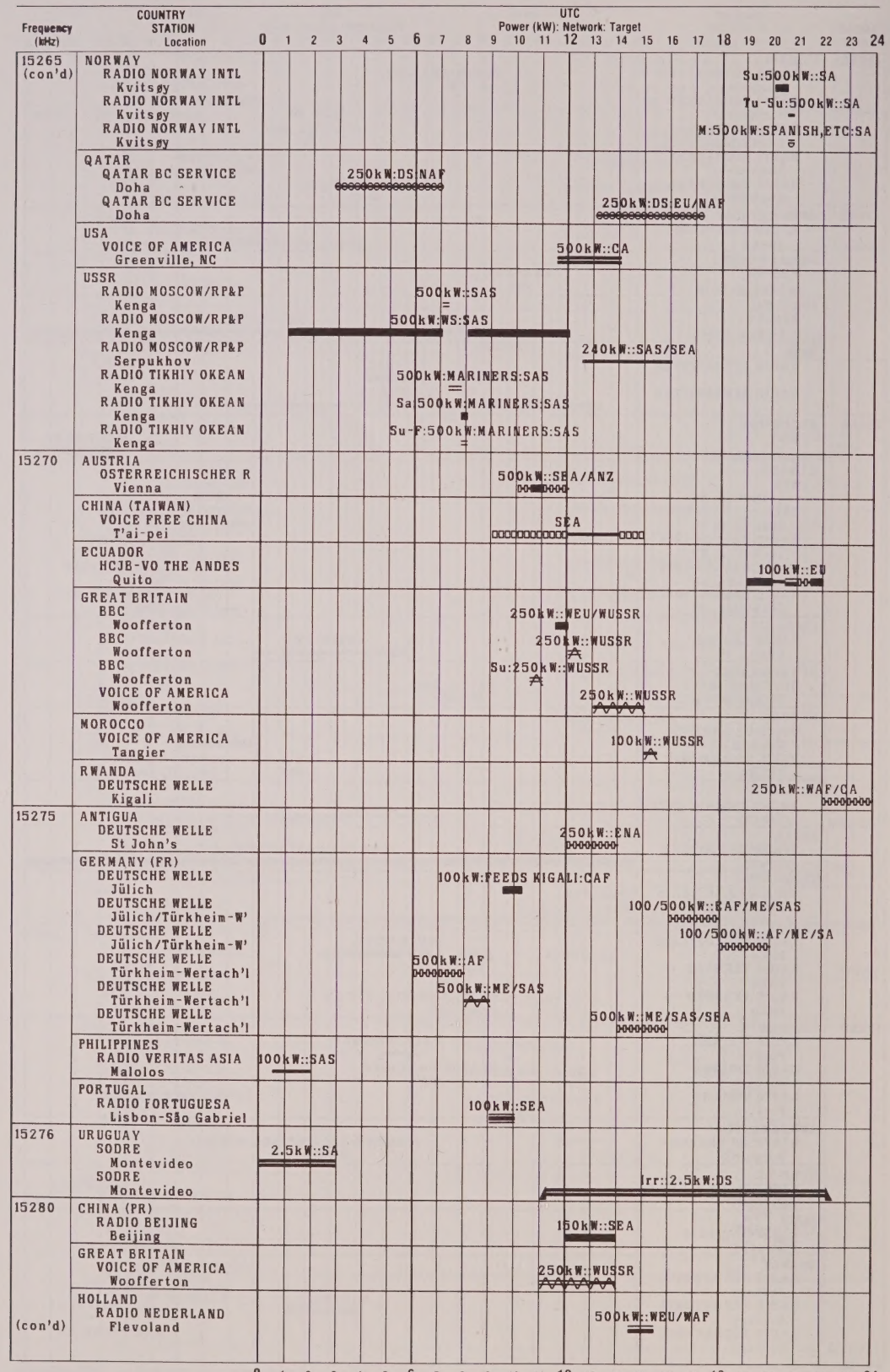

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15205 (con'd)
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EAS
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::WUSSR
BBC
Woofferton
Su:250kW::WUSSR
VOICE OF AMERICA
Woofferton
250kW::EU/WUSSR
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
MOROCCO
VOICE OF AMERICA
Tangier
100/35kW::EU/NAF/ME
NORWAY
RADIO NORWAY INTL
TEST:EAS/ANZ
RADIO NORWAY INTL
M-Sa::TEST:EAS/ANZ
RADIO NORWAY INTL
Su::TEST:EAS/ANZ
RADIO NORWAY INTL
Tu-Su::TEST:EAS/ANZ
RADIO NORWAY INTL
M::TEST/SPANISH, ETC:EAS/ANZ
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::EAS/PAC
RADIO NORWAY INTL
Kvitsøy
Su:500kW::EAS/PAC
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::EAS/PAC
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:EAS/PA
USA
VOICE OF AMERICA
Greenville, NC
250/500kW::CA/SA
15205v
ALGERIA
"VO PALESTINE"
Via RTV Algerienne
RTV ALGERIENNE
Algiers
DS
15209v
EGYPT
RADIO CAIRO
Kafr Silîm-Abis
250kW::WAF
15210
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::SA
BELGIUM
RT BELGE FRANCAISE
Wavre
100kW::AF
RT BELGE FRANCAISE
Wavre
Sa/Su:100kW::AF
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-GENERAL:NAF/WAF
RADIO CAIRO
Kafr Silîm-Abis
250kW:DS-GENERAL:NAF/ME/EU
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EWA/CA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
USSR
RADIO MOSCOW/RP&P
Armavir
500kW::WAF
RADIO MOSCOW/RP&P
Armavir
500kW:WS:WAF
RADIO MOSCOW/RP&P
Moscow
240kW::ME
RADIO MOSCOW/RP&P
Moscow
240kW:WS:ME
15215
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
250kW::AF
GREAT BRITAIN
BBC
Daventry
100kW:WS:CA
PHILIPPINES
RADIO VERITAS ASIA
Malolos
50kW::SAS/SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS/SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
VOICE OF AMERICA
Bamban-Tinang
50kW::SEA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

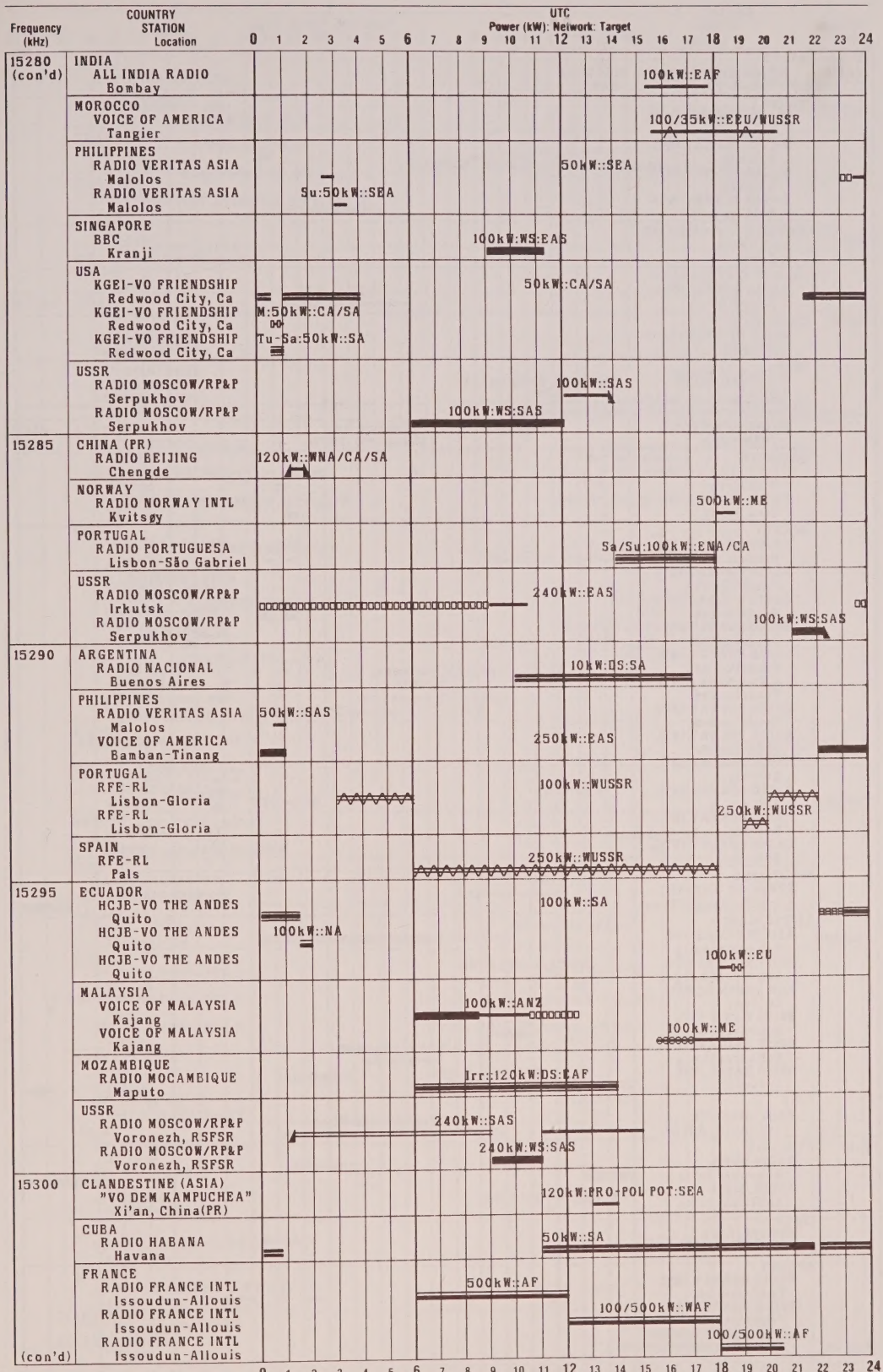

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15215 (con'd)
PORTUGAL
RFE-RL Lisbon-Gloria
250kW::EEU
RFE-RL Lisbon-Gloria
100kW::EEU
RFE-RL Lisbon-Gloria
M-Sa:100kW::EEU
RFE-RL Lisbon-Gloria
Su:100kW::EEU
SPAIN
R EXTERIOR ESPANA Noblejas
350kW::EAF/ME
R EXTERIOR ESPANA Noblejas
M-Sa:350kW::EAF/ME
USA
VOICE FREE CHINA Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::WNA
15215v
ALGERIA
RTV ALGERIENNE Algiers
DS
BRAZIL
RADIO TIMBIRA São Luís
Irr::2.5kW:DS
15220
EGYPT
RADIO CAIRO Kafr Silim-Abis
250kW::SA/CA
GREAT BRITAIN
BBC Skelton, Cumbria
100kW::WUSSR
HUNGARY
RADIO BUDAPEST Jászberény
250kW::SEA/ANZ
RADIO BUDAPEST Jászberény
M-F:250kW::SEA/ANZ
SOUTH AFRICA
RADIO RSA Meyerton
250kW::AF/WEU
RADIO RSA Meyerton
250kW::EAF
RADIO RSA Meyerton
250kW::CAF/NAF/EU
TURKEY
TURKISH RTV CORP Ankara
500kW::EU
USSR
RADIO MOSCOW/RP&P Dushanbé
500kW::SEA
RADIO MOSCOW/RP&P Dushanbé
500kW:WS:SEA
15225
CHINA (PR)
UNIDENTIFIED Jinhua
500kW::ENA/CA/SA
CHINA (TAIWAN)
+VOICE FREE CHINA T'ai-pei
SEA
GREAT BRITAIN
VOICE OF AMERICA Woofferton
250kW::WUSSR
GREECE
VOICE OF AMERICA Kaválla
250kW::ME/SAS
VOICE OF AMERICA Kaválla
250kW::WUSSR/ME
NORWAY
RADIO NORWAY INTL Kvitsøy
500kW::EAF/ME
TUNISIA
RTV TUNISIENNE Sfax
100kW::NAF/ME
15230
AUSTRALIA
AUSTRALIAN BC CORP Lyndhurst
10kW:DS
CHINA (PR)
RADIO BEIJING Kunming
50kW::SAS
CUBA
RADIO HABANA Havana
100kW::SA
INDIA
ALL INDIA RADIO Delhi
100kW::EAS
(con'd)
ALL INDIA RADIO Delhi
100kW::SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

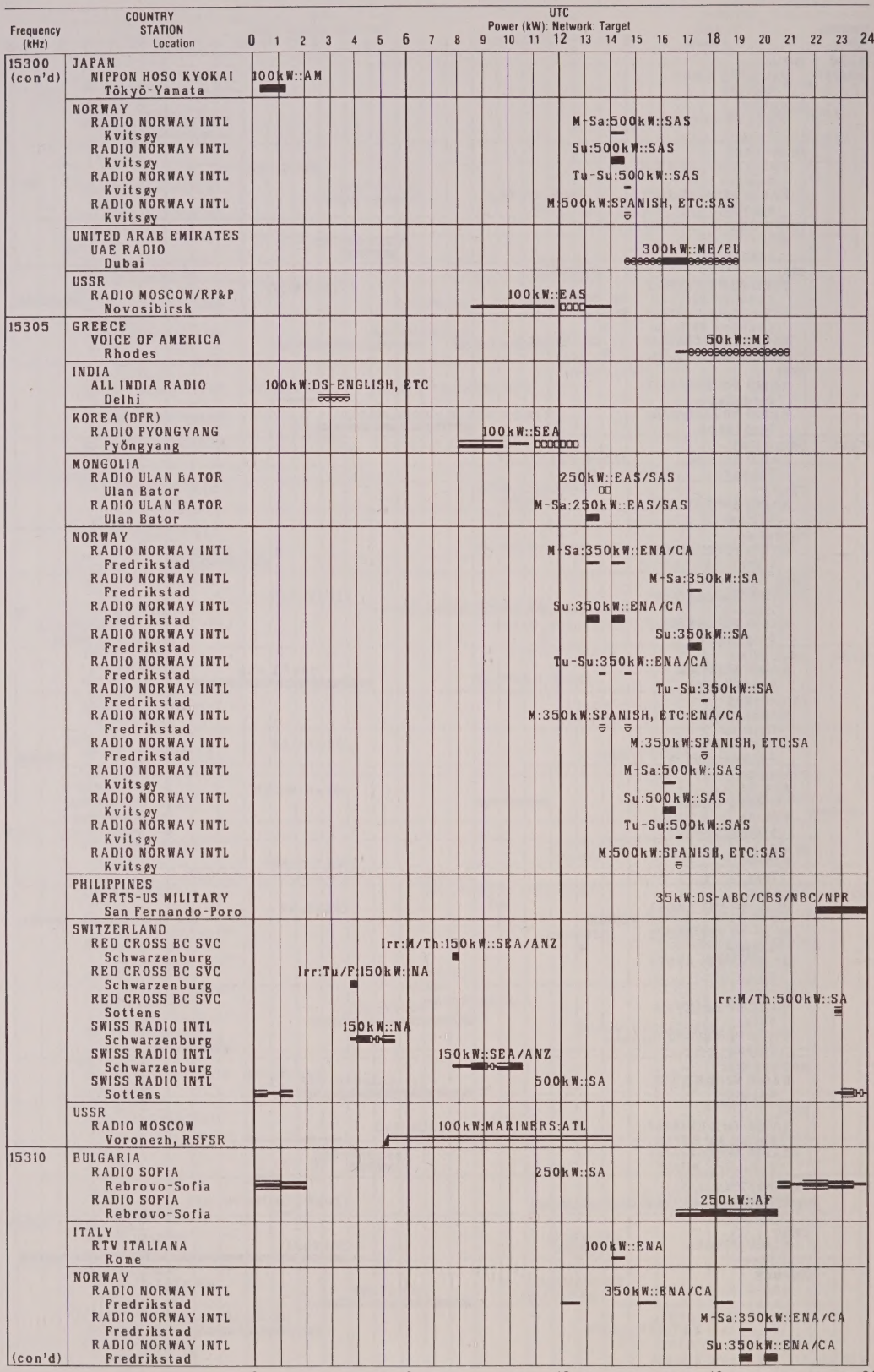

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15230 (con'd)
NORWAY
RADIO NORWAY INTL
Fredrikstad
350kW::EAF/ME
M-Sa:120/350kW::WEU/WAF/SA
Su:120/350kW::WEU/WAF/SA
Tu-Su:120/350kW::WEU/WAF/SA
M:120/350kW:SPANISH, ETC:WEU/WAF/SA
USSR
RADIO HABANA
Moscow
120kW::WEU/WAF
RADIO MOSCOW/RP&P
Alma-Ata
50kW::SEA
RADIO MOSCOW/RP&P
Moscow
120kW::WEU/WAF
15235
GREAT BRITAIN
BBC
Woofferton
Su:250kW::USSR
RADIO CANADA INTL
Skelton, Cumbria
M-F:100kW::ME
VOICE OF AMERICA
Woofferton
300kW::NAF/WAF
VOICE OF AMERICA
Woofferton
300kW::USSR
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
200kW::EU/WAF
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW::SEA
NIPPON HOSO KYOKAI
Tôkyô-Yamata
200kW:GENERAL:EU/WAF
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW:GENERAL:EU/WAF
NIPPON HOSO KYOKAI
Tôkyô-Yamata
100kW:GENERAL:SEA
LIBERIA
UNITED NATIONS R
Monrovia
Sa:50/250kW::WAF/SAF/SA
UNITED NATIONS R
Monrovia
Sa:250kW::WAF/CAF
LIBYA
RADIO JAMAHIRIYA
Tripoli
500kW:DS:WAF/SA
MOROCCO
UNITED NATIONS R
Tangier
Sa:50kW:NEWS FEED:ME
VOICE OF AMERICA
Tangier
100kW::EEU
OMAN
BBC
Maşirah
100kW::ME/NAF
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::EEU
15240
AUSTRALIA
RADIO AUSTRALIA
Multiple Locations
10/50/100kW::SEA/PAC
RADIO AUSTRALIA
Multiple Locations
10/50kW::PAC
RADIO AUSTRALIA
Shepparton
50kW::PAC
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::EAF/ME
RADIO BERLIN INTL
Nauen
500kW::ME/SAS
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SEA
INDIA
ALL INDIA RADIO
Delhi
20kW:DS-ENGLISH, ETC
ISRAEL
KOL ISRAEL
Tel Aviv
7.5kW::EU
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::AF/EU
RADIO SWEDEN INTL
Hörby
350kW::EU/WAF
RADIO SWEDEN INTL
Karlsborg
350kW::EU/WAF
USA
VOICE OF AMERICA
Greenville, NC
(con'd)
500kW::SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

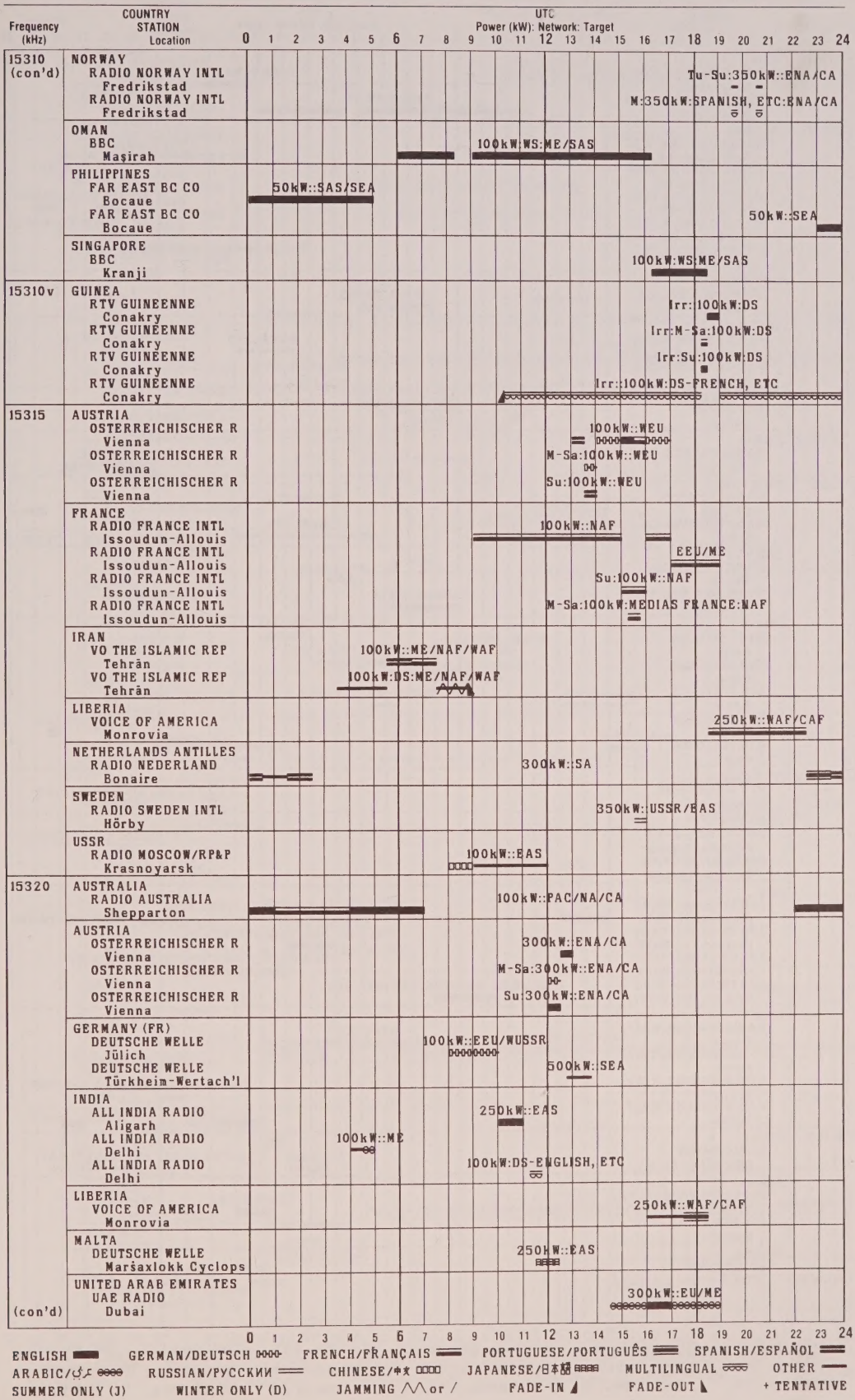

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15240 (con'd)
YUGOSLAVIA
RADIO YUGOSLAVIA
Belgrade
100kW::EAF/ME
RADIO YUGOSLAVIA
Belgrade
100kW::ME/SAS/SEA
15245
GREAT BRITAIN
BBC
Holywell-Rampisham
500kW::EU/USSR
BBC
Holywell-Rampisham
Su:500kW::EU/USSR
BBC
Holywell-Rampisham
W-Th/Sa-M:500kW::EU/USSR
ITALY
RTV ITALIANA
Rome
100kW::SA
RTV ITALIANA
Rome
100kW::CA/SA
UNITED NATIONS R
Rome
100kW::ME
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::SEA
MOROCCO
UNITED NATIONS R
Tangier
Sa:35kW::EU/ME
UNITED NATIONS R
Tangier
Sa:35kW:ENGLISH,FRENCH,ETC:EU/ME
VOICE OF AMERICA
Tangier
100kW::EEU
NORWAY
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
M-Tu:500kW::SEA/ANZ
RADIO NORWAY INTL
Kvitsøy
Su:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SEA/ANZ
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::ME/EAF
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::SEA/ANZ
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:ME/EAF
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH,ETC:SEA/ANZ
PORTUGAL
DEUTSCHE WELLE
Sines
250kW::EU/WUSSR
USA
VOICE OF AMERICA
Greenville, NC
500kW::NAF
USSR
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
120kW:N AMERICAN:WNA/CA
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
120kW::EAS
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
120kW:WS:WNA/CA
ZAIRE
LA VOIX DU ZAIRE
Kinshasa
100kW:DS-FRENCH, ETC
15250
ECUADOR
HCJB-VO THE ANDES
Quito
250kW::SA
INDIA
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
PHILIPPINES
UNITED NATIONS R
Bamban-Tinang
Sa:250kW::EAS
UNITED NATIONS R
Bamban-Tinang
Sa:250kW::EAS/SEA
UNITED NATIONS R
Bamban-Tinang
Sa:250kW::SAS/SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::AF
RADIO PORTUGUESA
Lisbon-São Gabriel
M-F:100kW::AF
RADIO PORTUGUESA
Lisbon-São Gabriel
Sa/Su:100kW::AF
SRI LANKA
VOICE OF AMERICA
Colombo
35kW::SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

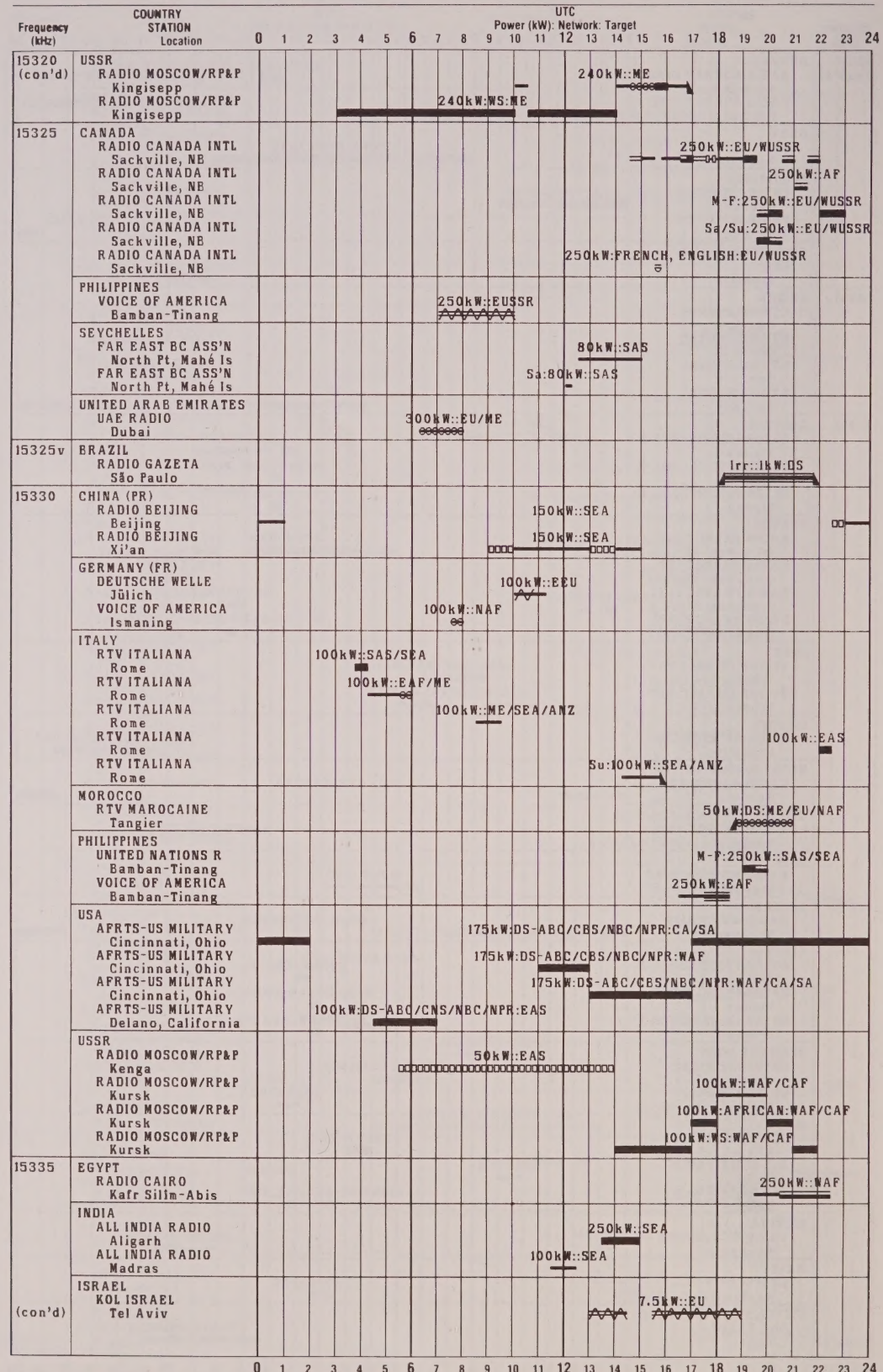

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15250v
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::SEA/ANZ
RADIO BUCHAREST
Bucharest
250kW::EU
RADIO BUCHAREST
Bucharest
250kW::ME
RADIO BUCHAREST
Bucharest
250kW::SAS/SEA
RADIO BUCHAREST
Bucharest
M-Sa:250kW::EU
RADIO BUCHAREST
Bucharest
15255
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::WAF
GERMANY (FR)
RFE-RL
Lampertheim
50kW::WUSSR
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::EEU
USSR
RADIO AFGHANISTAN
SAS
RADIO AFGHANISTAN
DS/ES:SAS
15260
ASCENSION
BBC
Georgetown
250kW::WS:SA
CANADA
BBC
Sackville, NB
100kW::WS:NA
BBC
Sackville, NB
Sa/Su:100kW::WS:NA
RADIO CANADA INTL
Sackville, NB
250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
M-F:250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::WAF/SAF
CHINA (PR)
RADIO BEIJING
Xi'an
150kW::SEA
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WAF
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME
VOICE OF AMERICA
Rhodes
50kW::ME
IRAN
VO THE ISLAMIC REP
Tehrān
DS
JAPAN
AFRTS-US MILITARY
Tōkyō
10kW:FAR EAST NET:EAS
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
50kW::WNA
USSR
RADIO MOSCOW/RP&P
Baku
240kW:WS:EU
RADIO YEREVAN
Baku
Su:240kW::EU
RADIO YEREVAN
Baku
Su:240kW:FRENCH, ETC:EU
15265
FINLAND
RADIO FINLAND
Pori
100kW::WEU/WAF
RADIO FINLAND
Pori
Sa:100kW::WEU/WAF
RADIO FINLAND
Pori
Sa/Su:250kW::ENA/CA
GERMANY (FR)
AFRTS-US MILITARY
Ismaning
100kW:DS-ABC/CBS/NBC/NPR:ME
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SEA
INDIA
ALL INDIA RADIO
Bombay
100kW::EAF
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::EU/WAF
RADIO NORWAY INTL
Kvitsøy
500kW::SA
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::SA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

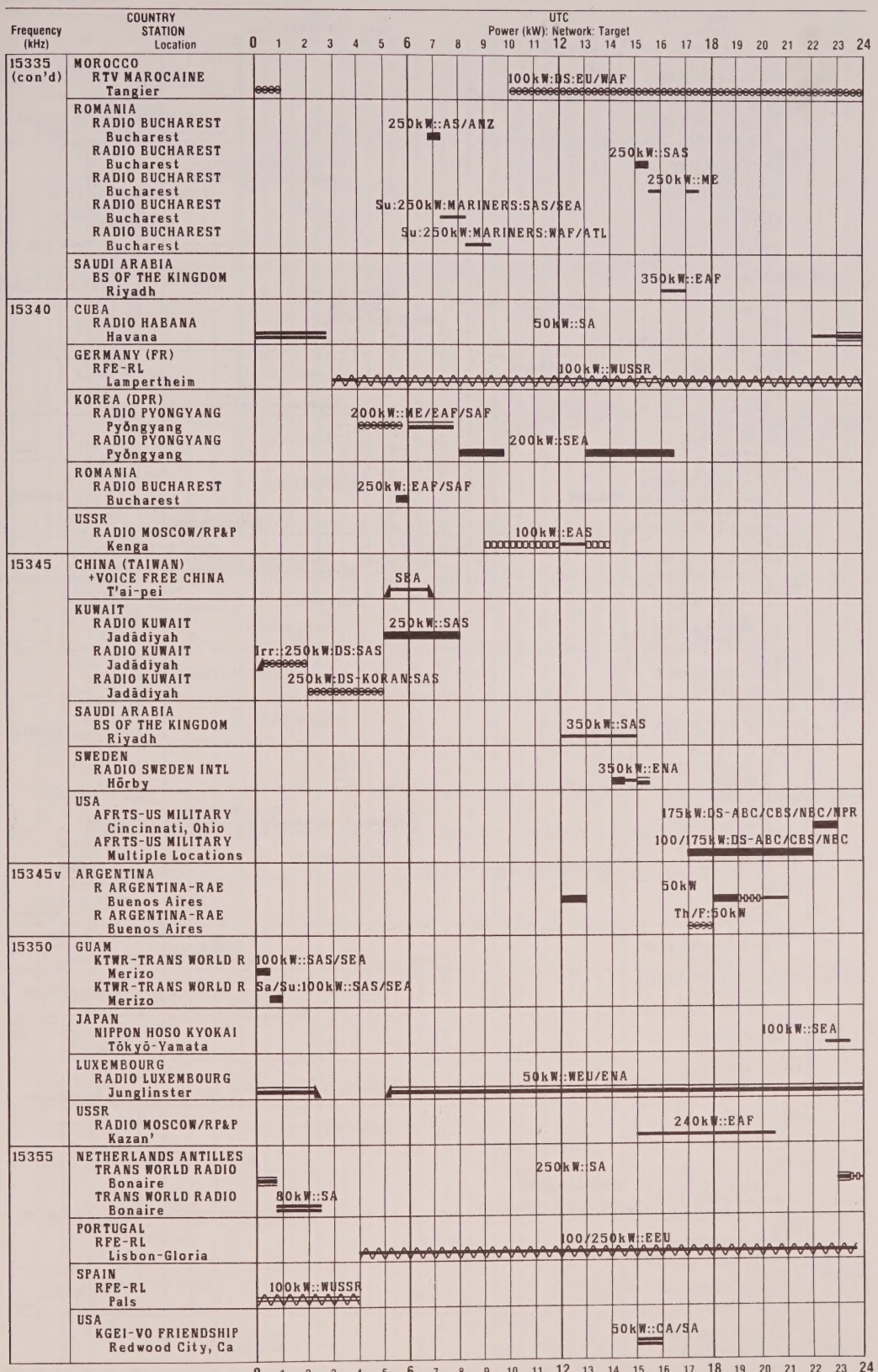

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15265 (con'd)
NORWAY
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SA
Tu-Su:500kW::SA
M:500kW:SPANISH,ETC:SA
QATAR
QATAR BC SERVICE
Doha
250kW:DS:NAF
250kW:DS:EU/NAF
USA
VOICE OF AMERICA
Greenville, NC
500kW::CA
USSR
RADIO MOSCOW/RP&P
Kenga
500kW::SAS
RADIO MOSCOW/RP&P
Kenga
500kW:WS:SAS
RADIO MOSCOW/RP&P
Serpukhov
240kW::SAS/SEA
RADIO TIKHIY OKEAN
Kenga
500kW:MARINERS:SAS
RADIO TIKHIY OKEAN
Kenga
Sa:500kW:MARINERS:SAS
RADIO TIKHIY OKEAN
Kenga
Su-F:500kW:MARINERS:SAS
15270
AUSTRIA
OSTERREICHISCHER R
Vienna
500kW::SEA/ANZ
CHINA (TAIWAN)
VOICE FREE CHINA
T'ai-pei
SEA
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::EU
GREAT BRITAIN
BBC
Woofferton
250kW::WEU/WUSSR
BBC
Woofferton
250kW::WUSSR
BBC
Woofferton
Su:250kW::WUSSR
VOICE OF AMERICA
Woofferton
250kW::WUSSR
MOROCCO
VOICE OF AMERICA
Tangier
100kW::WUSSR
RWANDA
DEUTSCHE WELLE
Kigali
250kW::WAF/CA
15275
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::ENA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW:FEEDS KIGALI:CAF
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::EAF/ME/SAS
DEUTSCHE WELLE
Jülich/Türkheim-W'
100/500kW::AF/ME/SA
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS/SEA
PHILIPPINES
RADIO VERITAS ASIA
Malolos
100kW::SAS
PORTUGAL
RADIO FORTUGUESA
Lisbon-São Gabriel
100kW::SEA
15276
URUGUAY
SODRE
Montevideo
2.5kW::SA
SODRE
Montevideo
Irr::2.5kW:DS
15280
CHINA (PR)
RADIO BEIJING
Beijing
150kW::SEA
GREAT BRITAIN
VOICE OF AMERICA
Woofferton
250kW::WUSSR
HOLLAND
RADIO NEDERLAND
Flevoland
(con'd)
500kW::WEU/WAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

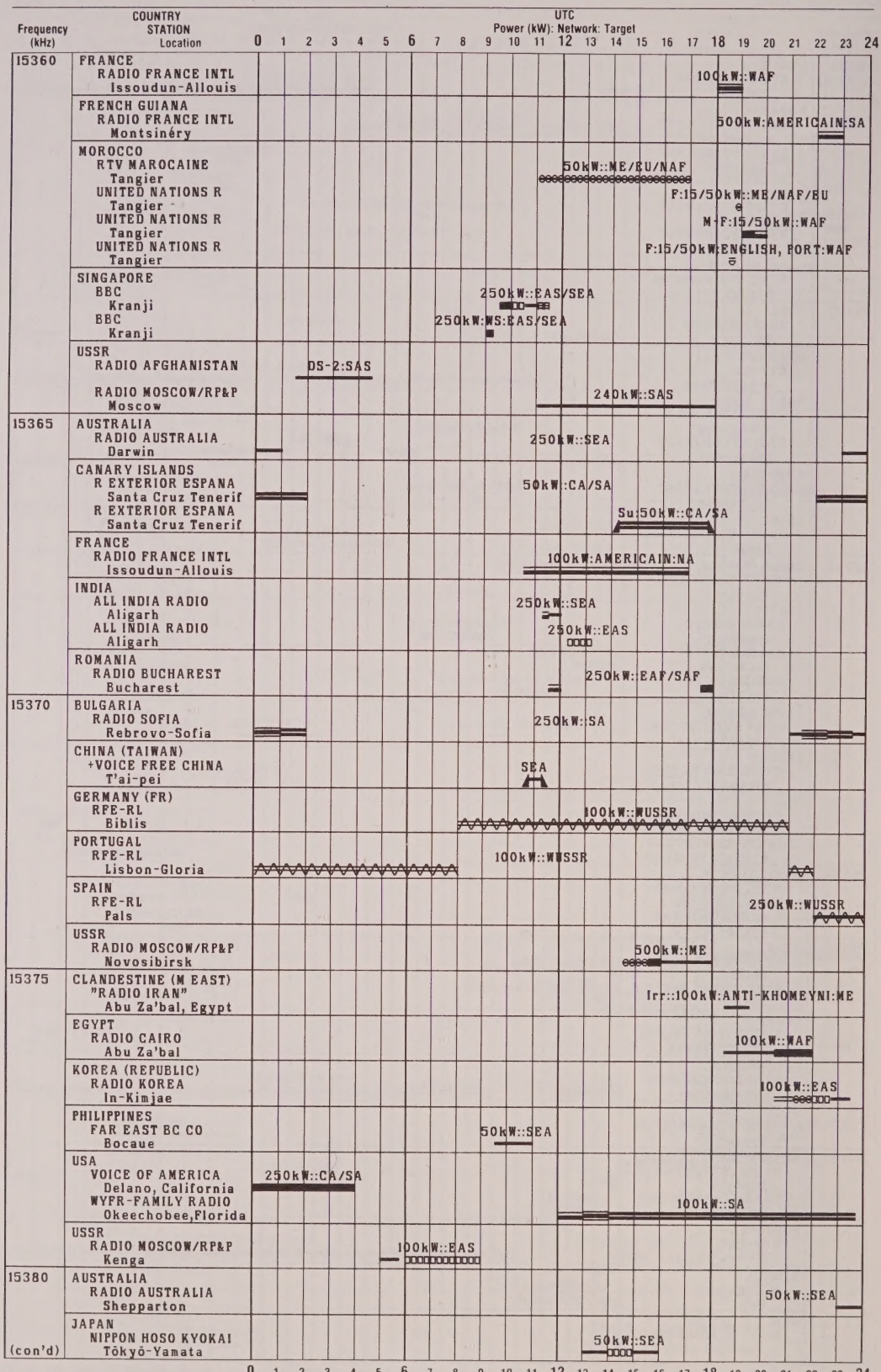

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15280 (con'd)
INDIA
ALL INDIA RADIO
Bombay
100kW::EAF
MOROCCO
VOICE OF AMERICA
Tangier
100/35kW::EEU/WUSSR
PHILIPPINES
RADIO VERITAS ASIA
Malolos
50kW::SEA
RADIO VERITAS ASIA
Malolos
Su:50kW::SEA
SINGAPORE
BBC
Kranji
100kW:WS:EAS
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
50kW::CA/SA
KGEI-VO FRIENDSHIP
Redwood City, Ca
M:50kW::CA/SA
KGEI-VO FRIENDSHIP
Redwood City, Ca
Tu-Sa:50kW::SA
USSR
RADIO MOSCOW/RP&P
Serpukhov
100kW::SAS
RADIO MOSCOW/RP&P
Serpukhov
100kW:WS:SAS
15285
CHINA (PR)
RADIO BEIJING
Chengde
120kW::WNA/CA/SA
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::ME
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
Sa/Su:100kW::ENA/CA
USSR
RADIO MOSCOW/RP&P
Irkutsk
240kW::EAS
RADIO MOSCOW/RP&P
Serpukhov
100kW:WS:SAS
15290
ARGENTINA
RADIO NACIONAL
Buenos Aires
10kW:DS:SA
PHILIPPINES
RADIO VERITAS ASIA
Malolos
50kW::SAS
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::WUSSR
SPAIN
RFE-RL
Pals
250kW::WUSSR
15295
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::SA
HCJB-VO THE ANDES
Quito
100kW::NA
HCJB-VO THE ANDES
Quito
100kW::EU
MALAYSIA
VOICE OF MALAYSIA
Kajang
100kW::ANZ
VOICE OF MALAYSIA
Kajang
100kW::ME
MOZAMBIQUE
RADIO MOCAMBIQUE
Maputo
Irr::120kW:DS:CAF
USSR
RADIO MOSCOW/RP&P
Voronezh, RSFSR
240kW::SAS
RADIO MOSCOW/RP&P
Voronezh, RSFSR
240kW:WS:SAS
15300
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA"
Xi'an, China(PR)
120kW:PRO+POL POT:SEA
CUBA
RADIO HABANA
Havana
50kW::SA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::AF
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::WAF
RADIO FRANCE INTL
Issoudun-Allouis
100/500kW::AF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

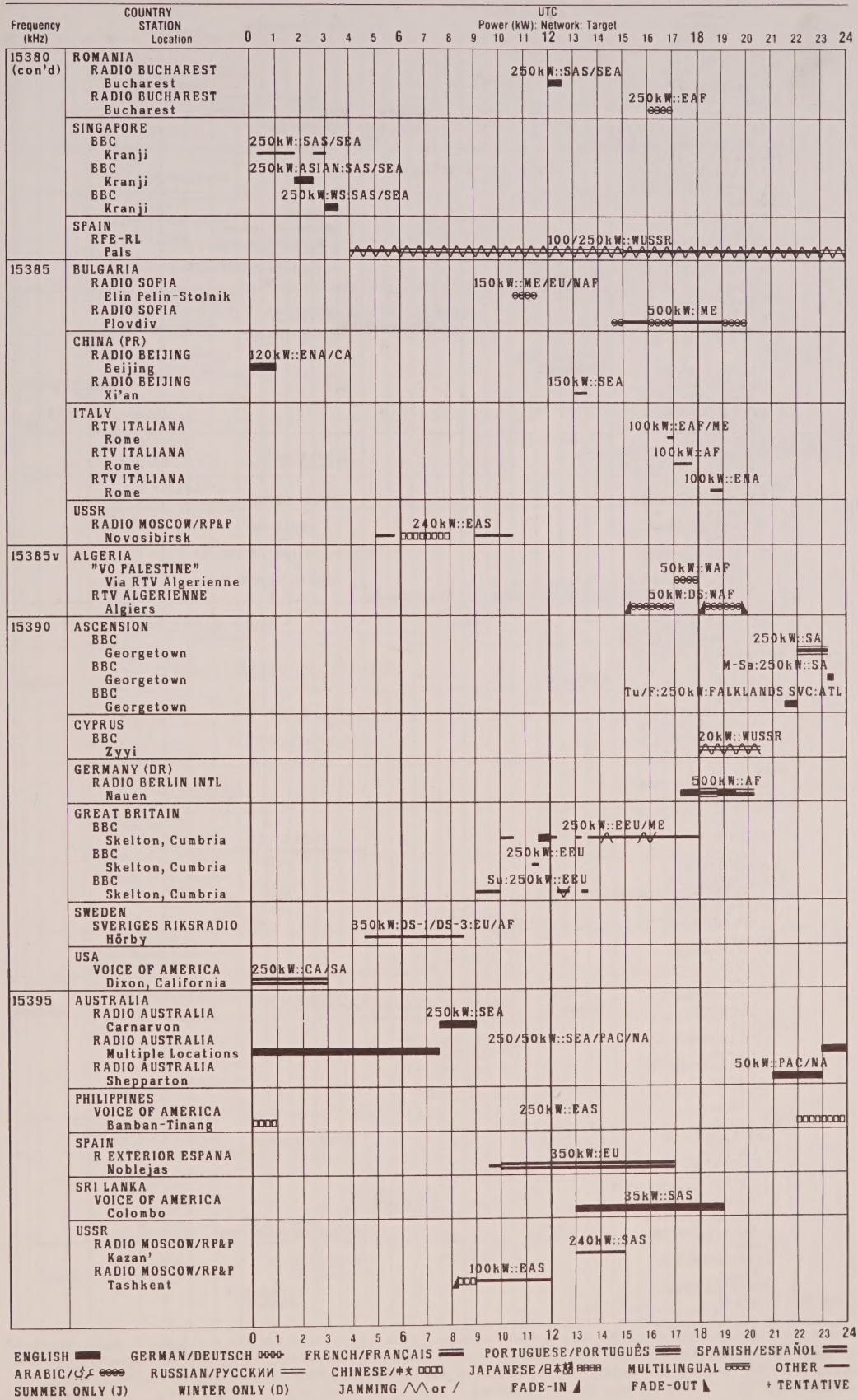

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15300 (con'd)
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::AM
NORWAY
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:SAS
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::ME/EU
USSR
RADIO MOSCOW/RP&P
Novosibirsk
100kW::EAS
15305
GREECE
VOICE OF AMERICA
Rhodes
50kW::ME
INDIA
ALL INDIA RADIO
Delhi
100kW:DS-ENGLISH, ETC
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
100kW::SEA
MONGOLIA
RADIO ULAN BATOR
Ulan Bator
250kW::EAS/SAS
RADIO ULAN BATOR
Ulan Bator
M-Sa:250kW::EAS/SAS
NORWAY
RADIO NORWAY INTL
Fredrikstad
M-Sa:350kW::ENA/CA
RADIO NORWAY INTL
Fredrikstad
M-Sa:350kW::SA
RADIO NORWAY INTL
Fredrikstad
Su:350kW::ENA/CA
RADIO NORWAY INTL
Fredrikstad
Su:350kW::SA
RADIO NORWAY INTL
Fredrikstad
Tu-Su:350kW::ENA/CA
RADIO NORWAY INTL
Fredrikstad
Tu-Su:350kW::SA
RADIO NORWAY INTL
Fredrikstad
M:350kW:SPANISH, ETC:ENA/CA
RADIO NORWAY INTL
Fredrikstad
M:350kW:SPANISH, ETC:SA
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::SAS
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:SAS
PHILIPPINES
AFRTS-US MILITARY
San Fernando-Poro
35kW:DS-ABC/CBS/NBC/NPR
SWITZERLAND
RED CROSS BC SVC
Schwarzenburg
Irr:M/Th:150kW::SEA/ANZ
RED CROSS BC SVC
Schwarzenburg
Irr:Tu/F:150kW::NA
RED CROSS BC SVC
Sottens
Irr:M/Th:500kW::SA
SWISS RADIO INTL
Schwarzenburg
150kW::NA
SWISS RADIO INTL
Schwarzenburg
150kW::SEA/ANZ
SWISS RADIO INTL
Sottens
500kW::SA
USSR
RADIO MOSCOW
Voronezh, RSFSR
100kW:MARINERS:ATL
15310
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
250kW::SA
RADIO SOFIA
Rebrovo-Sofia
250kW::AF
ITALY
RTV ITALIANA
Rome
100kW::ENA
NORWAY
RADIO NORWAY INTL
Fredrikstad
350kW::ENA/CA
RADIO NORWAY INTL
Fredrikstad
M-Sa:350kW::ENA/CA
RADIO NORWAY INTL
Fredrikstad
Su:350kW::ENA/CA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

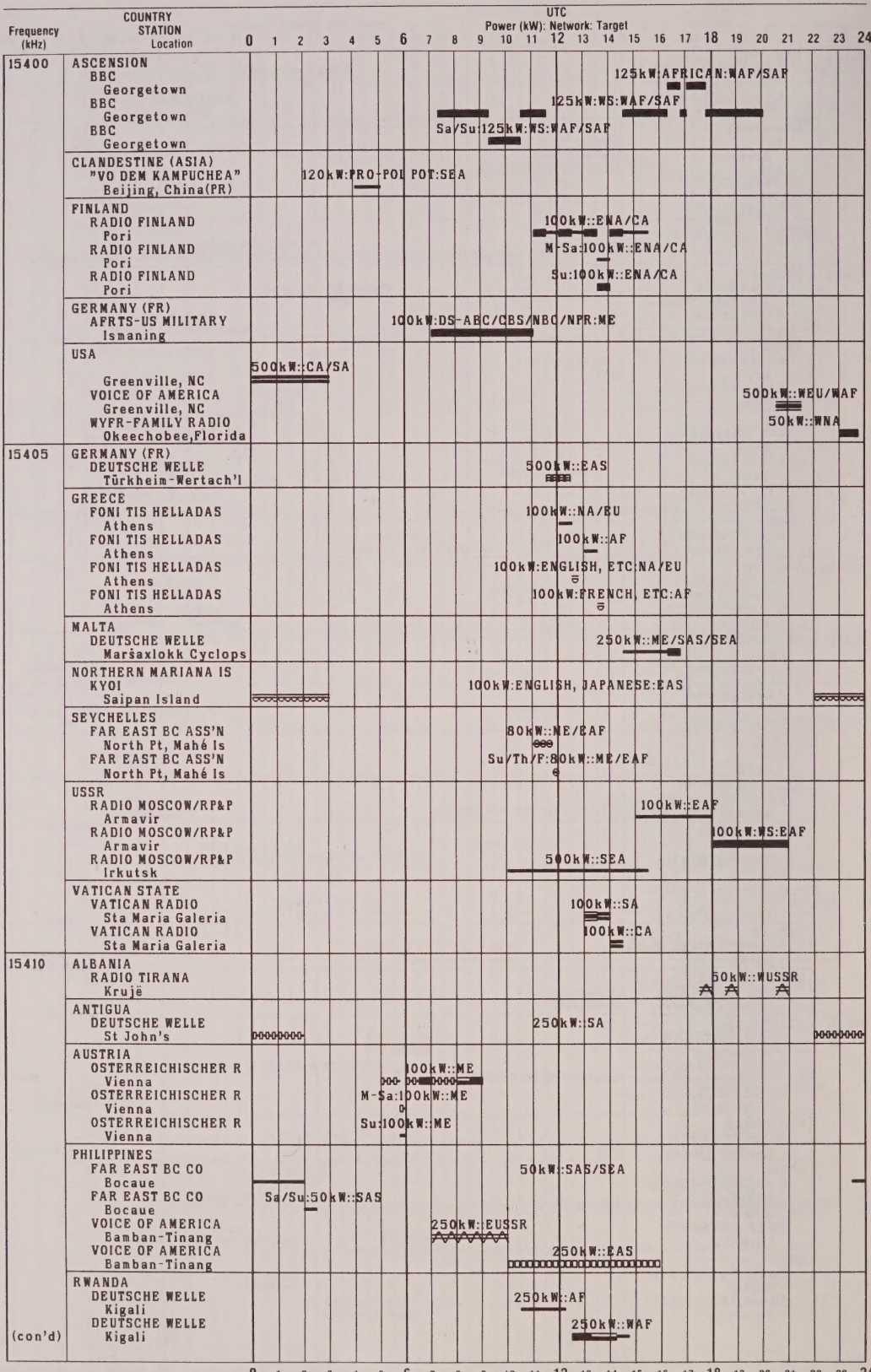

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15310 (con'd)
NORWAY
RADIO NORWAY INTL
Fredrikstad
RADIO NORWAY INTL
Fredrikstad
Tu-Su:350kW::ENA/CA
M:350kW:SPANISH, ETC:ENA/CA
OMAN
BBC
Maşirah
100kW:WS:ME/SAS
PHILIPPINES
FAR EAST BC CO
Bocaue
FAR EAST BC CO
Bocaue
50kW::SAS/SEA
50kW::SEA
SINGAPORE
BBC
Kranji
100kW:WS:ME/SAS
15310v
GUINEA
RTV GUINEENNE
Conakry
RTV GUINEENNE
Conakry
RTV GUINEENNE
Conakry
RTV GUINEENNE
Conakry
Irr::100kW:DS
Irr:M-Sa:100kW:DS
Irr:Su:100kW:DS
Irr::100kW:DS-FRENCH, ETC
15315
AUSTRIA
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
100kW::WEU
M-Sa:100kW::WEU
Su:100kW::WEU
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
RADIO FRANCE INTL
Issoudun-Allouis
RADIO FRANCE INTL
Issoudun-Allouis
RADIO FRANCE INTL
Issoudun-Allouis
100kW::NAF
EEU/ME
Su:100kW::NAF
M-Sa:100kW:MEDIAS FRANCE:NAF
IRAN
VO THE ISLAMIC REP
Tehrān
VO THE ISLAMIC REP
Tehrān
100kW::ME/NAF/WAF
100kW:DS:ME/NAF/WAF
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF/CAF
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::SA
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::USSR/EAS
USSR
RADIO MOSCOW/RP&P
Krasnoyarsk
100kW::EAS
15320
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::PAC/NA/CA
AUSTRIA
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
OSTERREICHISCHER R
Vienna
300kW::ENA/CA
M-Sa:300kW::ENA/CA
Su:300kW::ENA/CA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
DEUTSCHE WELLE
Türkheim-Wertach'l
100kW::EEU/WUSSR
500kW::SEA
INDIA
ALL INDIA RADIO
Aligarh
ALL INDIA RADIO
Delhi
ALL INDIA RADIO
Delhi
250kW::EAS
100kW::ME
100kW:DS-ENGLISH, ETC
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF/CAF
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::EAS
UNITED ARAB EMIRATES
UAE RADIO
Dubai
(con'd)
300kW::EU/ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

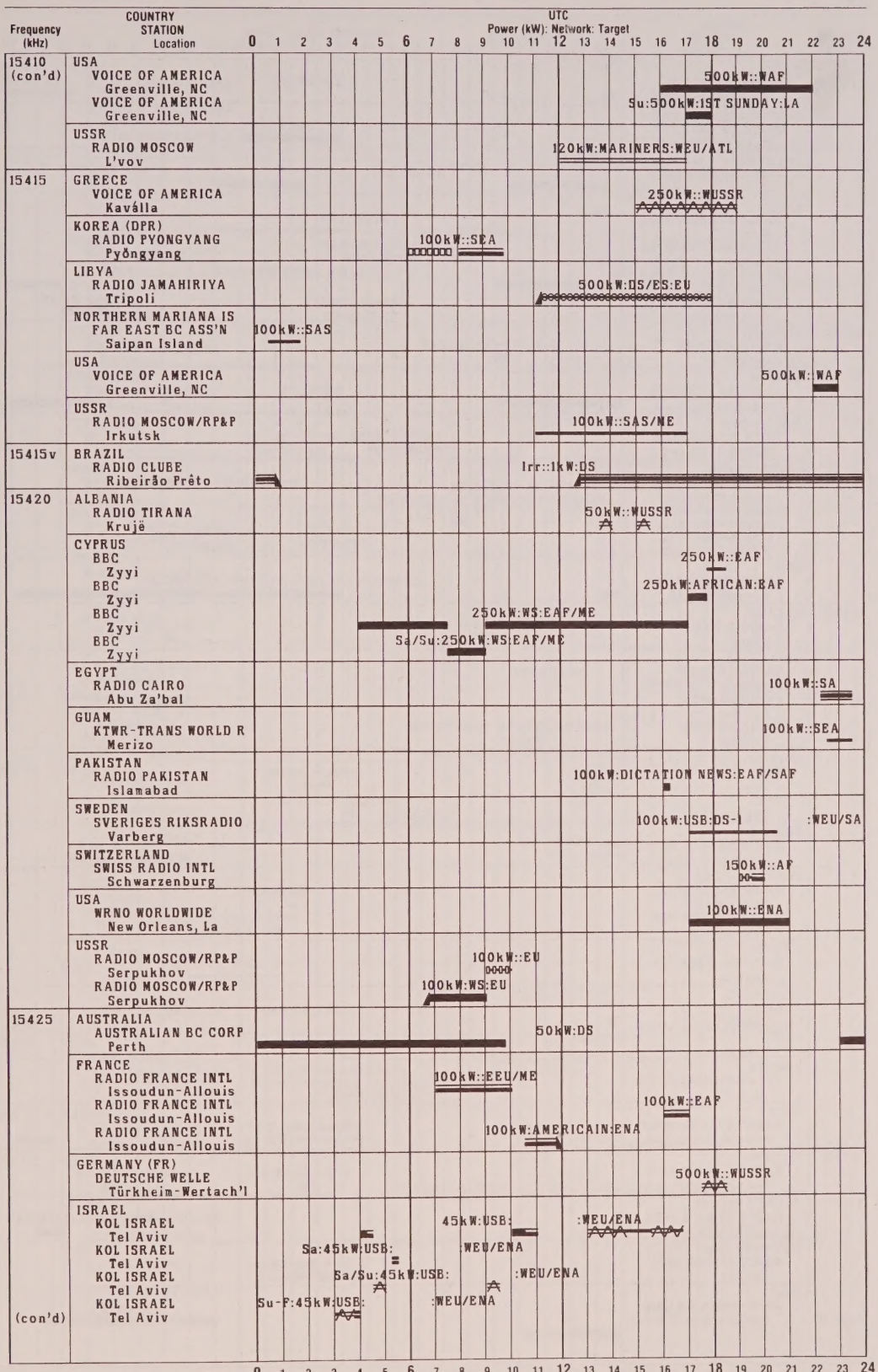

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15320 (con'd)
USSR
RADIO MOSCOW/RP&P
Kingisepp
240kW::ME
RADIO MOSCOW/RP&P
Kingisepp
240kW:WS:ME
15325
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::EU/WUSSR
RADIO CANADA INTL
Sackville, NB
250kW::AF
RADIO CANADA INTL
Sackville, NB
M-F:250kW::EU/WUSSR
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::EU/WUSSR
RADIO CANADA INTL
Sackville, NB
250kW:FRENCH, ENGLISH:EU/WUSSR
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EUSSR
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::SAS
FAR EAST BC ASS'N
North Pt, Mahé Is
Sa:80kW::SAS
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::EU/ME
15325v
BRAZIL
RADIO GAZETA
São Paulo
Irr::1kW:DS
15330
CHINA (PR)
RADIO BEIJING
Beijing
150kW::SEA
RADIO BEIJING
Xi'an
150kW::SEA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ECU
VOICE OF AMERICA
Ismaning
100kW::NAF
ITALY
RTV ITALIANA
Rome
100kW::SAS/SEA
RTV ITALIANA
Rome
100kW::EAF/ME
RTV ITALIANA
Rome
100kW::ME/SEA/ANZ
RTV ITALIANA
Rome
100kW::EAS
RTV ITALIANA
Rome
Su:100kW::SEA/ANZ
MOROCCO
RTV MAROCAINE
Tangier
50kW:DS:ME/EU/NAF
PHILIPPINES
UNITED NATIONS R
Bamban-Tinang
M-F:250kW::SAS/SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::EAF
USA
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS-ABC/CBS/NBC/NPR:CA/SA
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS-ABC/CBS/NBC/NPR:WAF
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS-ABC/CBS/NBC/NPR:WAF/CA/SA
AFRTS-US MILITARY
Delano, California
100kW:DS-ABC/CNS/NBC/NPR:EAS
USSR
RADIO MOSCOW/RP&P
Kenga
50kW::EAS
RADIO MOSCOW/RP&P
Kursk
100kW::WAF/CAF
RADIO MOSCOW/RP&P
Kursk
100kW:AFRICAN:WAF/CAF
RADIO MOSCOW/RP&P
Kursk
100kW:WS:WAF/CAF
15335
EGYPT
RADIO CAIRO
Kafr Silim-Abis
250kW::WAF
INDIA
ALL INDIA RADIO
Aligarh
250kW::SEA
ALL INDIA RADIO
Madras
100kW::SEA
ISRAEL
KOL ISRAEL
Tel Aviv
(con'd)
7.5kW::EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

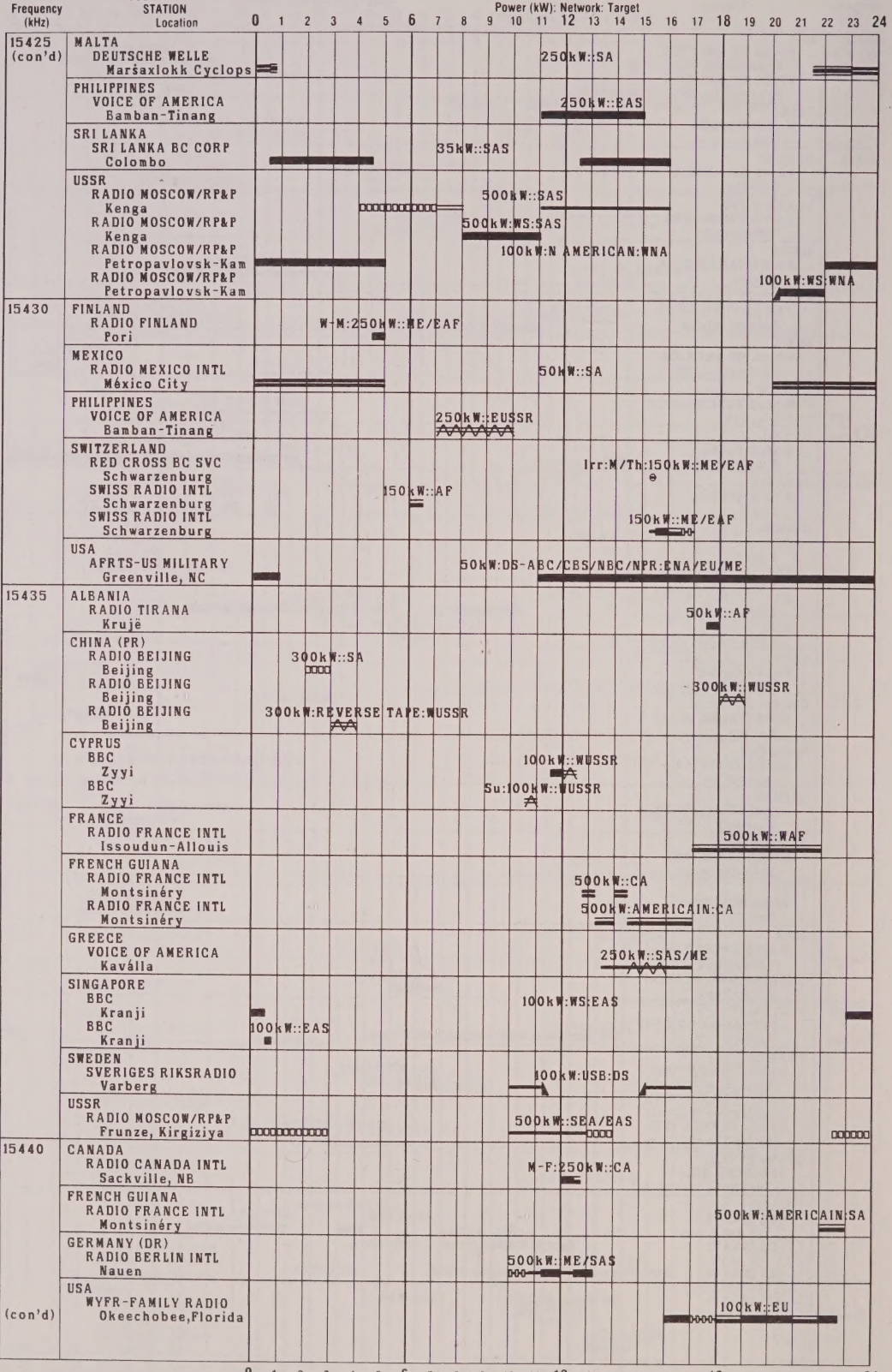

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15335 (con'd)
MOROCCO
RTV MAROCAINE
Tangier
100kW:DS:EU/WAF
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::AS/ANZ
RADIO BUCHAREST
Bucharest
250kW::SAS
RADIO BUCHAREST
Bucharest
250kW::ME
RADIO BUCHAREST
Bucharest
Su:250kW:MARINERS:SAS/SEA
RADIO BUCHAREST
Bucharest
Su:250kW:MARINERS:WAF/ATL
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
350kW::EAF
15340
CUBA
RADIO HABANA
Havana
50kW::SA
GERMANY (FR)
RFE-RL
Lampertheim
100kW::MUSSR
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
200kW::ME/EAF/SAF
RADIO PYONGYANG
Pyŏngyang
200kW::SEA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::EAF/SAF
USSR
RADIO MOSCOW/RP&P
Kenga
100kW::EAS
15345
CHINA (TAIWAN)
+VOICE FREE CHINA
T'ai-pei
SEA
KUWAIT
RADIO KUWAIT
Jadādiyah
250kW::SAS
RADIO KUWAIT
Jadādiyah
Irr::250kW:DS:SAS
RADIO KUWAIT
Jadādiyah
250kW:DS-KORAN:SAS
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
350kW::SAS
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::ENA
USA
AFRTS-US MILITARY
Cincinnati, Ohio
175kW:DS-ABC/CBS/NBC/NPR
AFRTS-US MILITARY
Multiple Locations
100/175kW:DS-ABC/CBS/NBC
15345v
ARGENTINA
R ARGENTINA-RAE
Buenos Aires
50kW
R ARGENTINA-RAE
Buenos Aires
Th/F:50kW
15350
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SAS/SEA
KTWR-TRANS WORLD R
Merizo
Sa/Su:100kW::SAS/SEA
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::SEA
LUXEMBOURG
RADIO LUXEMBOURG
Junglinster
50kW::WEU/ENA
USSR
RADIO MOSCOW/RP&P
Kazan'
240kW::EAF
15355
NETHERLANDS ANTILLES
TRANS WORLD RADIO
Bonaire
250kW::SA
TRANS WORLD RADIO
Bonaire
80kW::SA
PORTUGAL
RFE-RL
Lisbon-Gloria
100/250kW::EEU
SPAIN
RFE-RL
Pals
100kW::WUSSR
USA
KGEI-VO FRIENDSHIP
Redwood City, Ca
50kW::CA/SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

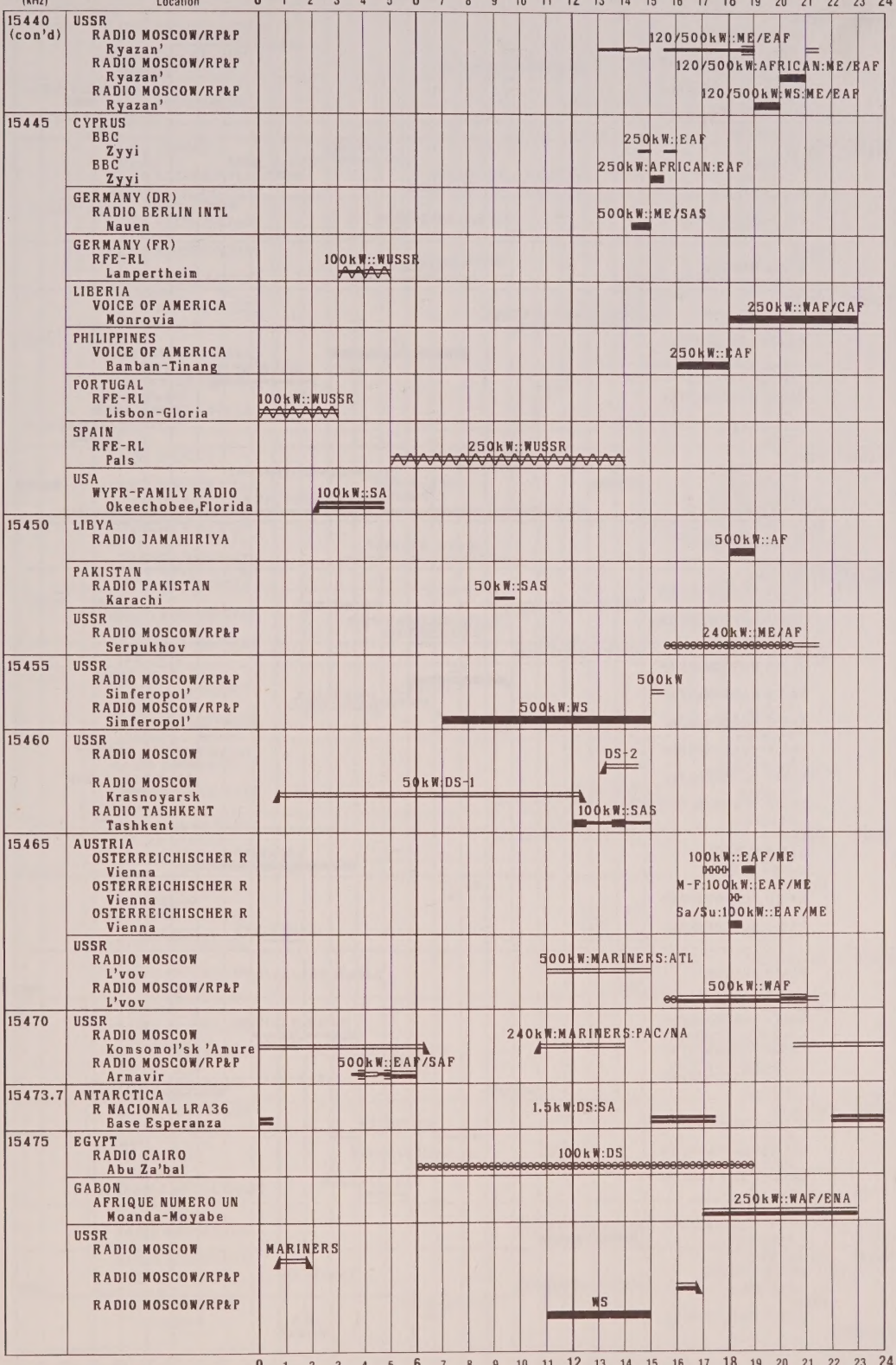

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15360
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::WAF
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:SA
MOROCCO
RTV MAROCAINE
Tangier
50kW::ME/EU/NAF
UNITED NATIONS R
Tangier
F:15/50kW::ME/NAF/EU
UNITED NATIONS R
Tangier
M-F:15/50kW::WAF
UNITED NATIONS R
Tangier
F:15/50kW:ENGLISH, PORT:WAF
SINGAPORE
BBC
Kranji
250kW::EAS/SEA
BBC
Kranji
250kW:WS:EAS/SEA
USSR
RADIO AFGHANISTAN
DS-2:SAS
RADIO MOSCOW/RP&P
Moscow
240kW::SAS
15365
AUSTRALIA
RADIO AUSTRALIA
Darwin
250kW::SEA
CANARY ISLANDS
R EXTERIOR ESPANA
Santa Cruz Tenerif
50kW::CA/SA
R EXTERIOR ESPANA
Santa Cruz Tenerif
Su:50kW::CA/SA
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW:AMERICAIN:NA
INDIA
ALL INDIA RADIO
Aligarh
250kW::SEA
ALL INDIA RADIO
Aligarh
250kW::EAS
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::EAF/SAF
15370
BULGARIA
RADIO SOFIA
Rebrovo-Sofia
250kW::SA
CHINA (TAIWAN)
+VOICE FREE CHINA
T'ai-pei
SEA
GERMANY (FR)
RFE-RL
Biblis
100kW::WUSSR
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::WUSSR
SPAIN
RFE-RL
Pals
250kW::WUSSR
USSR
RADIO MOSCOW/RP&P
Novosibirsk
500kW::ME
15375
CLANDESTINE (M EAST)
"RADIO IRAN"
Abu Za'bal, Egypt
Irr::100kW:ANTI-KHOMEYNI:ME
EGYPT
RADIO CAIRO
Abu Za'bal
100kW::WAF
KOREA (REPUBLIC)
RADIO KOREA
In-Kimjae
100kW::EAS
PHILIPPINES
FAR EAST BC CO
Bocaue
50kW::SEA
USA
VOICE OF AMERICA
Delano, California
250kW::CA/SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
USSR
RADIO MOSCOW/RP&P
Kenga
100kW::EAS
15380
AUSTRALIA
RADIO AUSTRALIA
Shepparton
50kW::SEA
(con'd)
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
50kW::SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

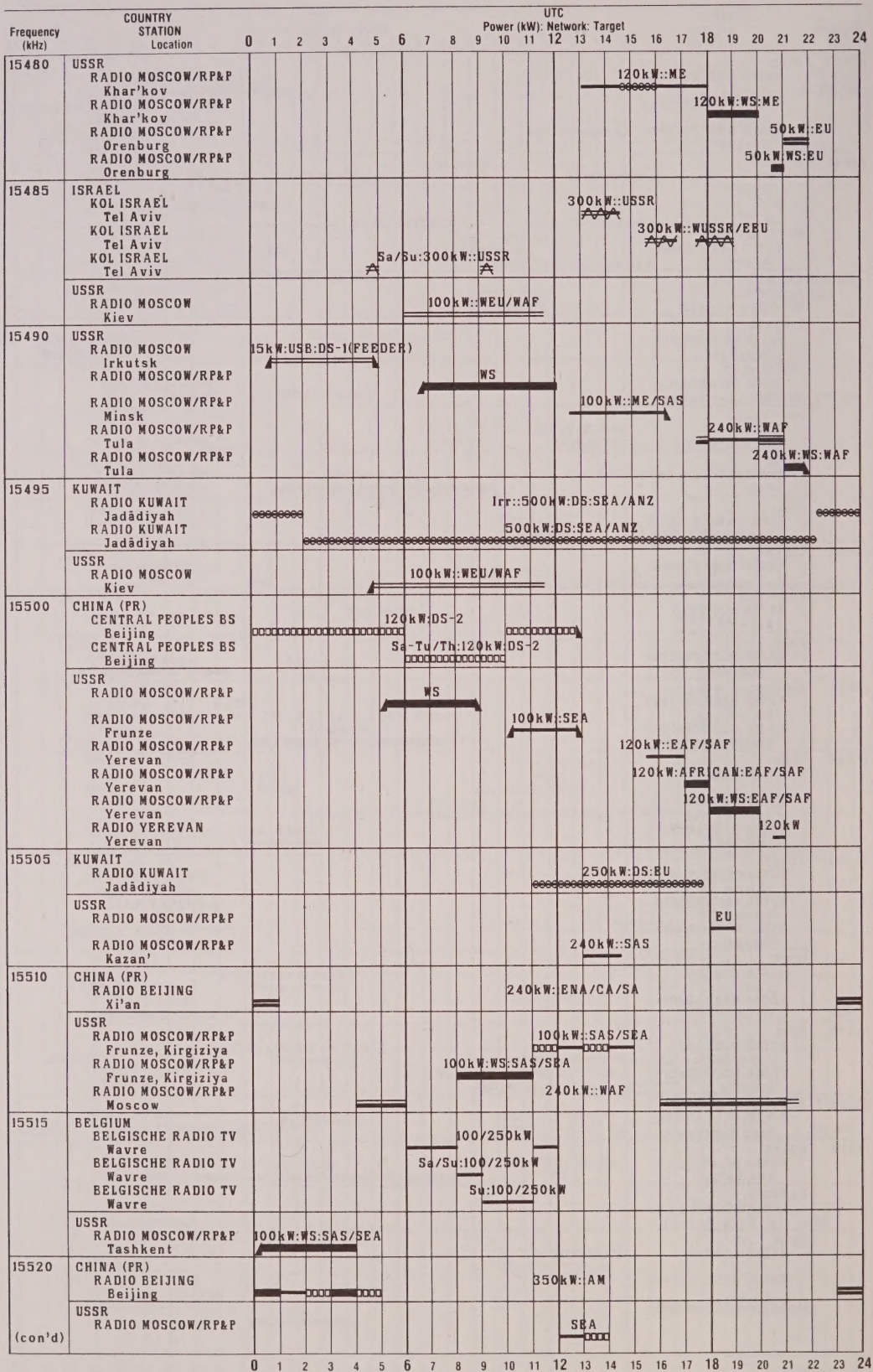

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15380 (con'd)
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::SAS/SEA
RADIO BUCHAREST
Bucharest
250kW::EAF
SINGAPORE
BBC
Kranji
250kW::SAS/SEA
BBC
Kranji
250kW:ASIAN:SAS/SEA
BBC
Kranji
250kW:WS:SAS/SEA
SPAIN
RFE-RL
Pals
100/250kW::WUSSR
15385
BULGARIA
RADIO SOFIA
Elin Pelin-Stolnik
150kW::ME/EU/NAF
RADIO SOFIA
Plovdiv
500kW::ME
CHINA (PR)
RADIO BEIJING
Beijing
120kW::ENA/CA
RADIO BEIJING
Xi'an
150kW::SEA
ITALY
RTV ITALIANA
Rome
100kW::EAF/ME
RTV ITALIANA
Rome
100kW::AF
RTV ITALIANA
Rome
100kW::ENA
USSR
RADIO MOSCOW/RP&P
Novosibirsk
240kW::EAS
15385v
ALGERIA
"VO PALESTINE"
Via RTV Algerienne
50kW::WAF
RTV ALGERIENNE
Algiers
50kW:DS:WAF
15390
ASCENSION
BBC
Georgetown
250kW::SA
BBC
Georgetown
M-Sa:250kW::SA
BBC
Georgetown
Tu/F:250kW:FALKLANDS SVC:ATL
CYPRUS
BBC
Zyyi
20kW::WUSSR
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::AF
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW::EEU/ME
BBC
Skelton, Cumbria
250kW::EEU
BBC
Skelton, Cumbria
Su:250kW::EEU
SWEDEN
SVERIGES RIKSRADIO
Hörby
350kW:DS-1/DS-3:EU/AF
USA
VOICE OF AMERICA
Dixon, California
250kW::CA/SA
15395
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
250kW::SEA
RADIO AUSTRALIA
Multiple Locations
250/50kW::SEA/PAC/NA
RADIO AUSTRALIA
Shepparton
50kW::PAC/NA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::EU
SRI LANKA
VOICE OF AMERICA
Colombo
35kW::SAS
USSR
RADIO MOSCOW/RP&P
Kazan'
240kW::SAS
RADIO MOSCOW/RP&P
Tashkent
100kW::EAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

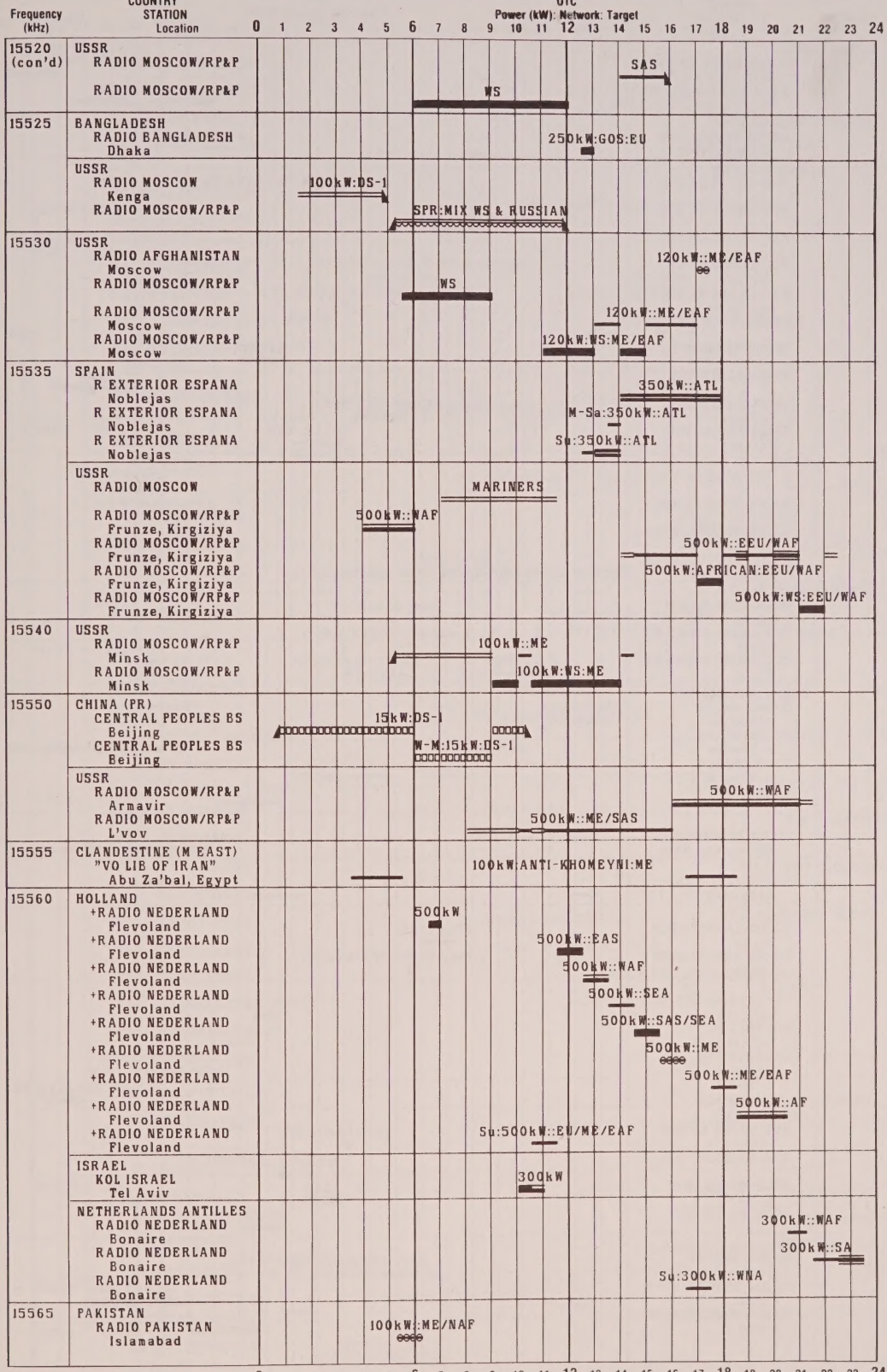

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15400
ASCENSION
BBC Georgetown
125kW:AFRICAN:WAF/SAF
BBC Georgetown
125kW:WS:WAF/SAF
BBC Georgetown
Sa/Su:125kW:WS:WAF/SAF
CLANDESTINE (ASIA)
"VO DEM KAMPUCHEA" Beijing, China(PR)
120kW:PRO-POL POT:SEA
FINLAND
RADIO FINLAND Pori
100kW::ENA/CA
RADIO FINLAND Pori
M-Sa:100kW::ENA/CA
RADIO FINLAND Pori
Su:100kW::ENA/CA
GERMANY (FR)
AFRTS-US MILITARY Ismaning
100kW:DS-ABC/CBS/NBC/NPR:ME
USA
Greenville, NC
500kW::CA/SA
VOICE OF AMERICA Greenville, NC
500kW::WEU/WAF
WYFR-FAMILY RADIO Okeechobee,Florida
50kW::WNA
15405
GERMANY (FR)
DEUTSCHE WELLE Türkheim-Wertach'l
500kW::EAS
GREECE
FONI TIS HELLADAS Athens
100kW::NA/EU
FONI TIS HELLADAS Athens
100kW::AF
FONI TIS HELLADAS Athens
100kW:ENGLISH, ETC:NA/EU
FONI TIS HELLADAS Athens
100kW:FRENCH, ETC:AF
MALTA
DEUTSCHE WELLE Marsaxlokk Cyclops
250kW::ME/SAS/SEA
NORTHERN MARIANA IS
KYOI Saipan Island
100kW:ENGLISH, JAPANESE:EAS
SEYCHELLES
FAR EAST BC ASS'N North Pt, Mahé Is
80kW::ME/EAF
FAR EAST BC ASS'N North Pt, Mahé Is
Su/Th/F:80kW::ME/EAF
USSR
RADIO MOSCOW/RP&P Armavir
100kW::EAF
RADIO MOSCOW/RP&P Armavir
100kW:WS:EAF
RADIO MOSCOW/RP&P Irkutsk
500kW::SEA
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
100kW::SA
VATICAN RADIO Sta Maria Galeria
100kW::CA
15410
ALBANIA
RADIO TIRANA Krujë
50kW::WUSSR
ANTIGUA
DEUTSCHE WELLE St John's
250kW::SA
AUSTRIA
OSTERREICHISCHER R Vienna
100kW::ME
OSTERREICHISCHER R Vienna
M-Sa:100kW::ME
OSTERREICHISCHER R Vienna
Su:100kW::ME
PHILIPPINES
FAR EAST BC CO Bocaue
50kW::SAS/SEA
FAR EAST BC CO Bocaue
Sa/Su:50kW::SAS
VOICE OF AMERICA Bamban-Tinang
250kW::EUSSR
VOICE OF AMERICA Bamban-Tinang
250kW::EAS
RWANDA
DEUTSCHE WELLE Kigali
250kW::AF
DEUTSCHE WELLE Kigali
250kW::WAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

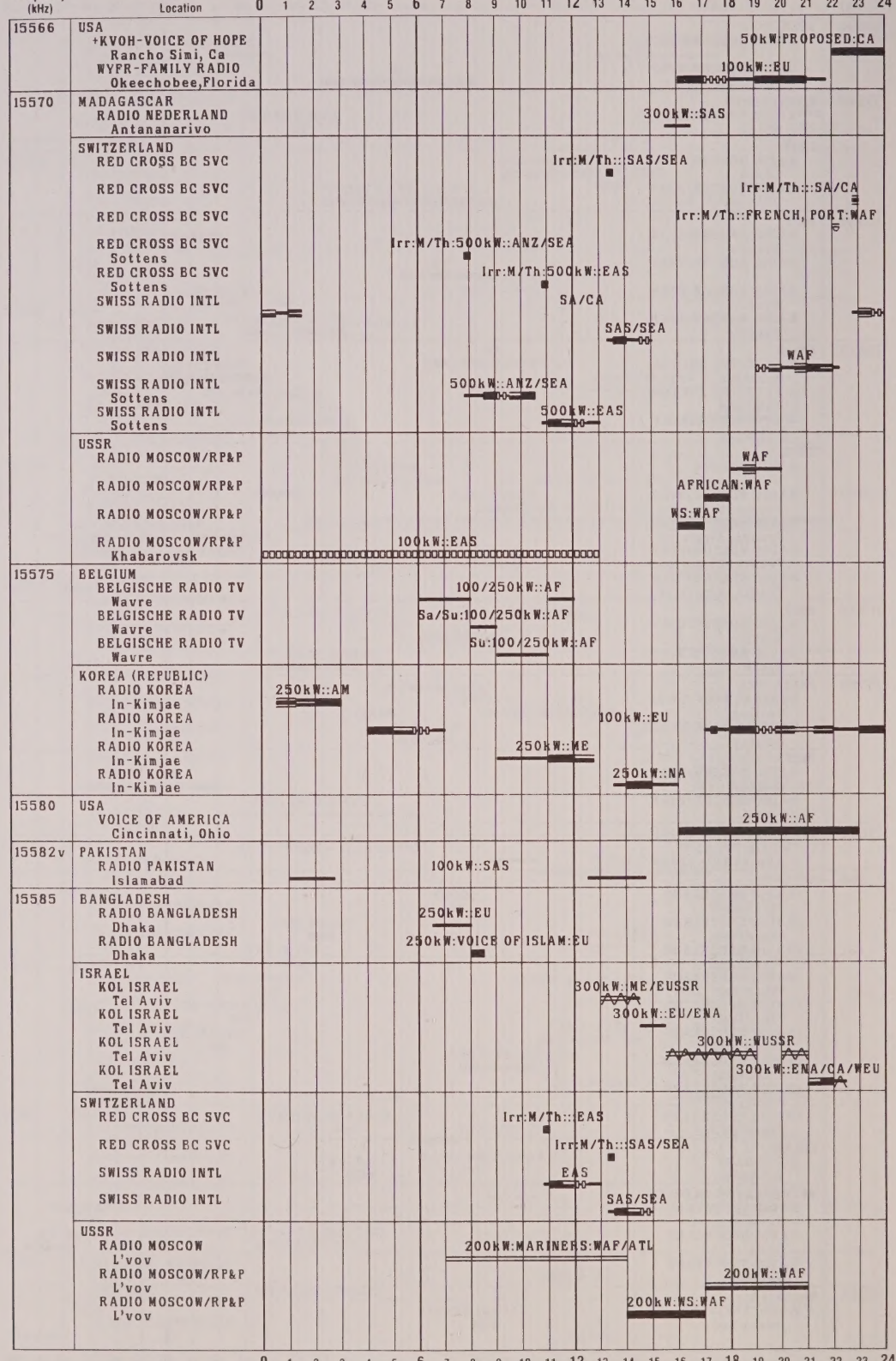

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15410 (con'd)
USA
VOICE OF AMERICA
Greenville, NC
500kW::WAF
VOICE OF AMERICA
Greenville, NC
Su:500kW:IST SUNDAY:LA
USSR
RADIO MOSCOW
L'vov
120kW:MARINERS:WEU/ATL
15415
GREECE
VOICE OF AMERICA
Kaválla
250kW::WUSSR
KOREA (DPR)
RADIO PYONGYANG
Pyŏngyang
100kW::SEA
LIBYA
RADIO JAMAHIRIYA
Tripoli
500kW:DS/ES:EU
NORTHERN MARIANA IS
FAR EAST BC ASS'N
Saipan Island
100kW::SAS
USA
VOICE OF AMERICA
Greenville, NC
500kW::WAF
USSR
RADIO MOSCOW/RP&P
Irkutsk
100kW::SAS/ME
15415v
BRAZIL
RADIO CLUBE
Ribeirão Prêto
Irr::1kW:DS
15420
ALBANIA
RADIO TIRANA
Krujë
50kW::WUSSR
CYPRUS
BBC
Zyyi
250kW::EAF
BBC
Zyyi
250kW:AFRICAN:EAF
BBC
Zyyi
250kW:WS:EAF/ME
BBC
Zyyi
Sa/Su:250kW:WS:EAF/ME
EGYPT
RADIO CAIRO
Abu Za'bal
100kW::SA
GUAM
KTWR-TRANS WORLD R
Merizo
100kW::SEA
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW:DICTATION NEWS:EAF/SAF
SWEDEN
SVERIGES RIKSRADIO
Varberg
100kW:USB:DS-I
:WEU/SA
SWITZERLAND
SWISS RADIO INTL
Schwarzenburg
150kW::AF
USA
WRNO WORLDWIDE
New Orleans, La
100kW::ENA
USSR
RADIO MOSCOW/RP&P
Serpukhov
100kW::EU
RADIO MOSCOW/RP&P
Serpukhov
100kW:WS:EU
15425
AUSTRALIA
AUSTRALIAN BC CORP
Perth
50kW:DS
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EEU/ME
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EAF
RADIO FRANCE INTL
Issoudun-Allouis
100kW:AMERICAIN:ENA
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
ISRAEL
KOL ISRAEL
Tel Aviv
45kW:USB:
:WEU/ENA
KOL ISRAEL
Tel Aviv
Sa:45kW:USB:
:WEU/ENA
KOL ISRAEL
Tel Aviv
Sa/Su:45kW:USB:
:WEU/ENA
KOL ISRAEL
Tel Aviv
Su-F:45kW:USB:
:WEU/ENA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

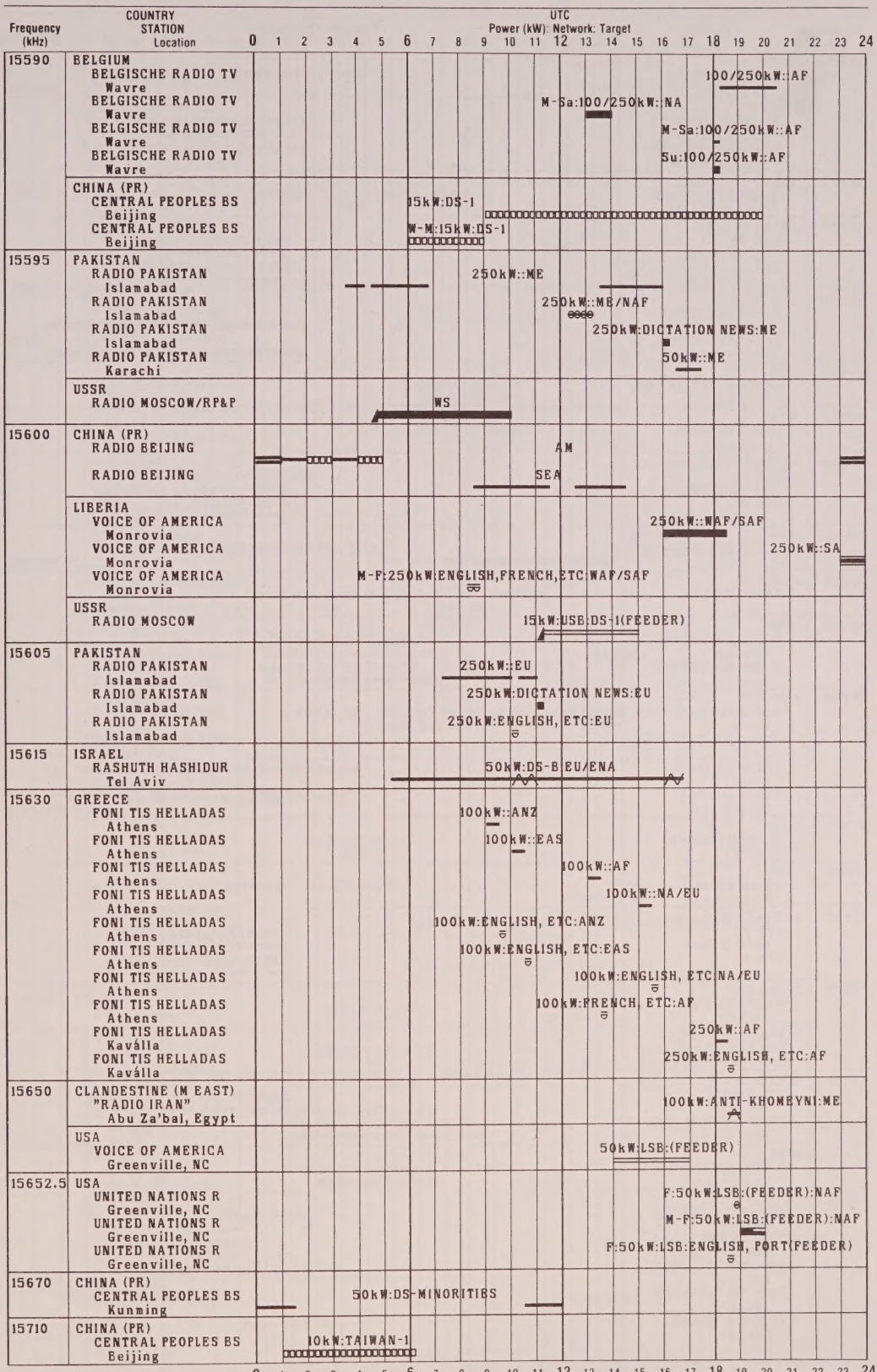

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15425 (con'd)
MALTA
DEUTSCHE WELLE
Maršaxlokk Cyclops
250kW::SA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
SRI LANKA
SRI LANKA BC CORP
Colombo
35kW::SAS
USSR
RADIO MOSCOW/RP&P
Kenga
500kW::SAS
RADIO MOSCOW/RP&P
Kenga
500kW:WS:SAS
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:N AMERICAN:WNA
RADIO MOSCOW/RP&P
Petropavlovsk-Kam
100kW:WS:WNA
15430
FINLAND
RADIO FINLAND
Pori
W-M:250kW::ME/EAF
MEXICO
RADIO MEXICO INTL
México City
50kW::SA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EUSSR
SWITZERLAND
RED CROSS BC SVC
Schwarzenburg
Irr:M/Th:150kW::ME/EAF
SWISS RADIO INTL
Schwarzenburg
150kW::AF
SWISS RADIO INTL
Schwarzenburg
150kW::ME/EAF
USA
AFRTS-US MILITARY
Greenville, NC
50kW:DS-ABC/CBS/NBC/NPR:CNA/EU/ME
15435
ALBANIA
RADIO TIRANA
Krujë
50kW::AF
CHINA (PR)
RADIO BEIJING
Beijing
300kW::SA
RADIO BEIJING
Beijing
300kW::WUSSR
RADIO BEIJING
Beijing
300kW:REVERSE TAPE:WUSSR
CYPRUS
BBC
Zyyi
100kW::WUSSR
BBC
Zyyi
Su:100kW::WUSSR
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::WAF
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
GREECE
VOICE OF AMERICA
Kaválla
250kW::SAS/ME
SINGAPORE
BBC
Kranji
100kW:WS:EAS
BBC
Kranji
100kW::EAS
SWEDEN
SVERIGES RIKSRADIO
Varberg
100kW:USB:DS
USSR
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW::SEA/EAS
15440
CANADA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::CA
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:SA
GERMANY (DR)
RADIO BERLIN INTL
Nauen
500kW::ME/SAS
USA
(con'd)
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::EU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

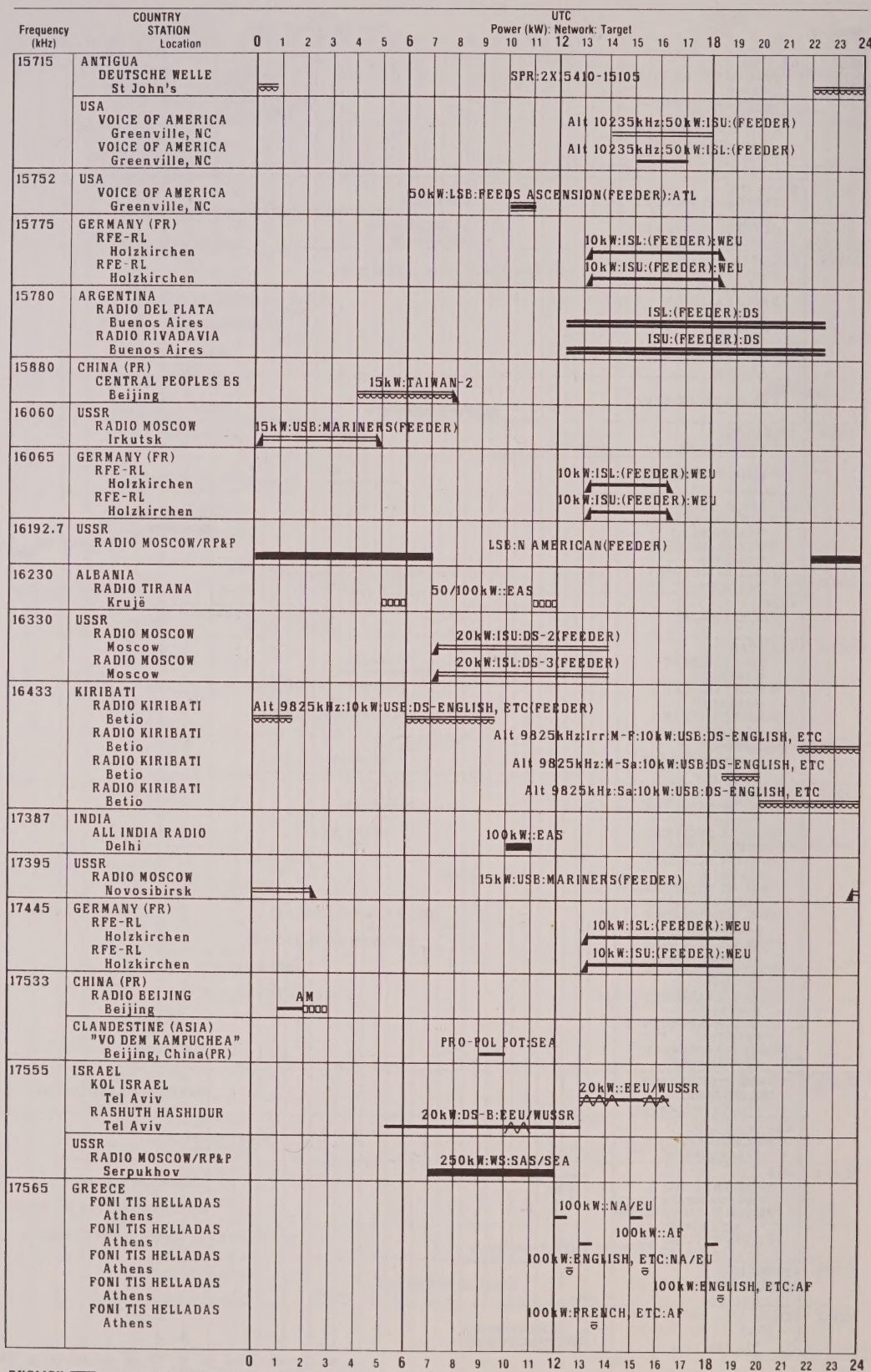

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15440 (con'd)
USSR
RADIO MOSCOW/RP&P Ryazan'
RADIO MOSCOW/RP&P Ryazan'
RADIO MOSCOW/RP&P Ryazan'
120/500kW::ME/EAF
120/500kW:AFRICAN:ME/EAF
120/500kW:WS:ME/EAF
15445
CYPRUS
BBC Zyyi
BBC Zyyi
250kW::EAF
250kW:AFRICAN:EAF
GERMANY (DR)
RADIO BERLIN INTL Nauen
500kW::ME/SAS
GERMANY (FR)
RFE-RL Lampertheim
100kW::WUSSR
LIBERIA
VOICE OF AMERICA Monrovia
250kW::WAF/CAF
PHILIPPINES
VOICE OF AMERICA Bamban-Tinang
250kW::EAF
PORTUGAL
RFE-RL Lisbon-Gloria
100kW::WUSSR
SPAIN
RFE-RL Pals
250kW::WUSSR
USA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::SA
15450
LIBYA
RADIO JAMAHIRIYA
500kW::AF
PAKISTAN
RADIO PAKISTAN Karachi
50kW::SAS
USSR
RADIO MOSCOW/RP&P Serpukhov
240kW::ME/AF
15455
USSR
RADIO MOSCOW/RP&P Simferopol'
RADIO MOSCOW/RP&P Simferopol'
500kW
500kW:WS
15460
USSR
RADIO MOSCOW
RADIO MOSCOW Krasnoyarsk
RADIO TASHKENT Tashkent
DS-2
50kW:DS-1
100kW::SAS
15465
AUSTRIA
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
OSTERREICHISCHER R Vienna
100kW::EAF/ME
M-F 100kW::EAF/ME
Sa/Su:100kW::EAF/ME
USSR
RADIO MOSCOW L'vov
RADIO MOSCOW/RP&P L'vov
500kW:MARINERS:ATL
500kW::WAF
15470
USSR
RADIO MOSCOW Komsomol'sk 'Amure
RADIO MOSCOW/RP&P Armavir
240kW:MARINERS:PAC/NA
500kW::EAF/SAF
15473.7
ANTARCTICA
R NACIONAL LRA36 Base Esperanza
1.5kW:DS:SA
15475
EGYPT
RADIO CAIRO Abu Za'bal
100kW:DS
GABON
AFRIQUE NUMERO UN Moanda-Moyabe
250kW::WAF/ENA
USSR
RADIO MOSCOW
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P
MARINERS
WS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

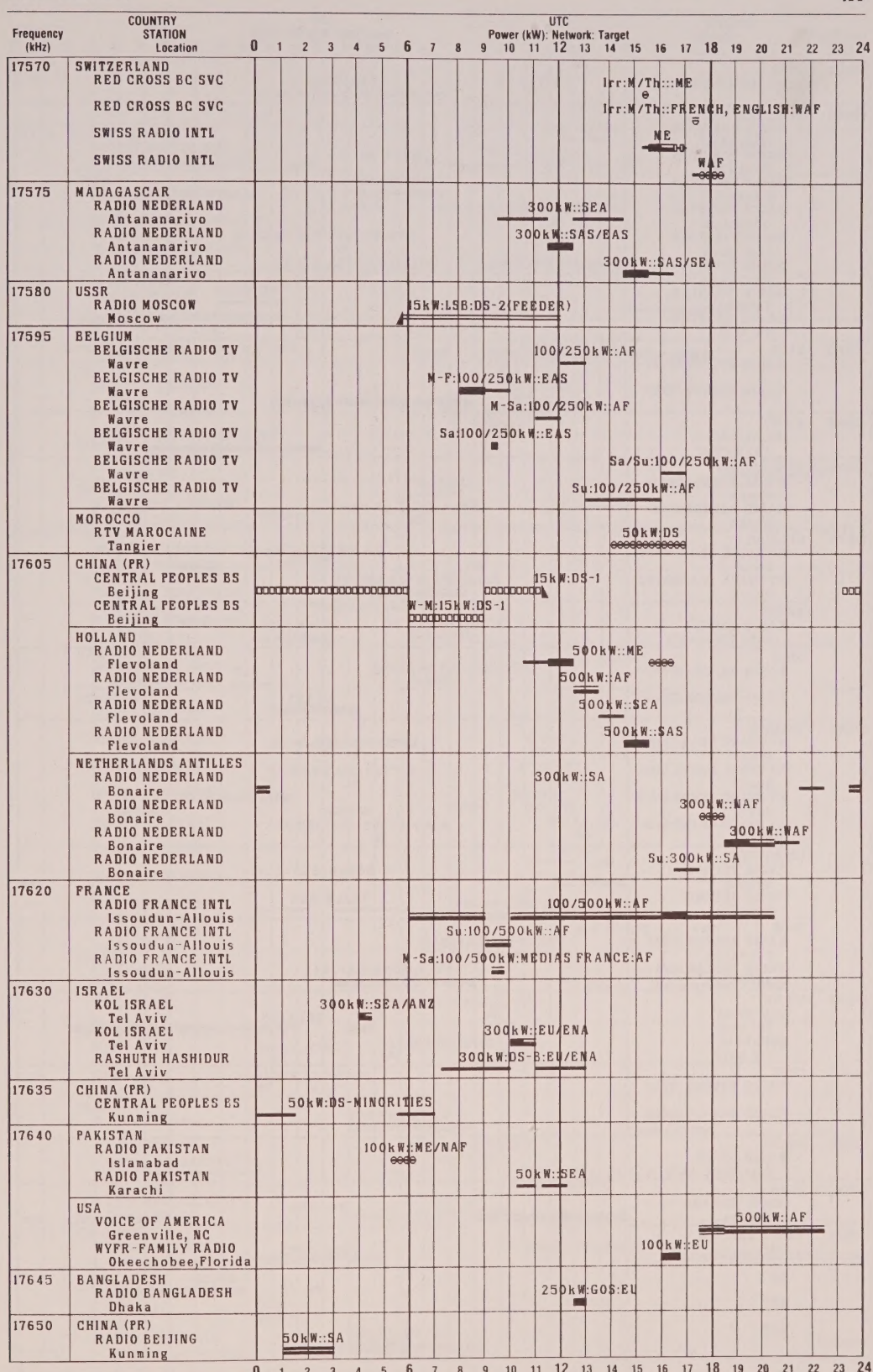

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15480
USSR
RADIO MOSCOW/RP&P Khar'kov
RADIO MOSCOW/RP&P Khar'kov
RADIO MOSCOW/RP&P Orenburg
RADIO MOSCOW/RP&P Orenburg
120kW::ME
120kW:WS:ME
50kW::EU
50kW:WS:EU
15485
ISRAEL
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
300kW::USSR
300kW::WUSSR/EEU
Sa/Su:300kW::USSR
USSR
RADIO MOSCOW Kiev
100kW::WEU/WAF
15490
USSR
RADIO MOSCOW Irkutsk
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P Minsk
RADIO MOSCOW/RP&P Tula
RADIO MOSCOW/RP&P Tula
15kW:USB:DS-1(FEEDER)
WS
100kW::ME/SAS
240kW::WAF
240kW:WS:WAF
15495
KUWAIT
RADIO KUWAIT Jadādiyah
RADIO KUWAIT Jadādiyah
Irr::500kW:DS:SEA/ANZ
500kW:DS:SEA/ANZ
USSR
RADIO MOSCOW Kiev
100kW::WEU/WAF
15500
CHINA (PR)
CENTRAL PEOPLES BS Beijing
CENTRAL PEOPLES BS Beijing
120kW:DS-2
Sa-Tu/Th:120kW:DS-2
USSR
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P Frunze
RADIO MOSCOW/RP&P Yerevan
RADIO MOSCOW/RP&P Yerevan
RADIO MOSCOW/RP&P Yerevan
RADIO YEREVAN Yerevan
WS
100kW::SEA
120kW::EAF/SAF
120kW:AFR CAM:EAF/SAF
120kW:WS:EAF/SAF
120kW
15505
KUWAIT
RADIO KUWAIT Jadādiyah
250kW:DS:EU
USSR
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P Kazan'
EU
240kW::SAS
15510
CHINA (PR)
RADIO BEIJING Xi'an
240kW::ENA/CA/SA
USSR
RADIO MOSCOW/RP&P Frunze, Kirgiziya
RADIO MOSCOW/RP&P Frunze, Kirgiziya
RADIO MOSCOW/RP&P Moscow
100kW::SAS/SEA
100kW:WS:SAS/SEA
240kW::WAF
15515
BELGIUM
BELGISCHE RADIO TV Wavre
BELGISCHE RADIO TV Wavre
BELGISCHE RADIO TV Wavre
100/250kW
Sa/Su:100/250kW
Su:100/250kW
USSR
RADIO MOSCOW/RP&P Tashkent
100kW:WS:SAS/SEA
15520 (con'd)
CHINA (PR)
RADIO BEIJING Beijing
350kW::AM
USSR
RADIO MOSCOW/RP&P
SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/ RUSSIAN/РУССКИЙ CHINESE/ JAPANESE/ MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING or / FADE-IN FADE-OUT + TENTATIVE

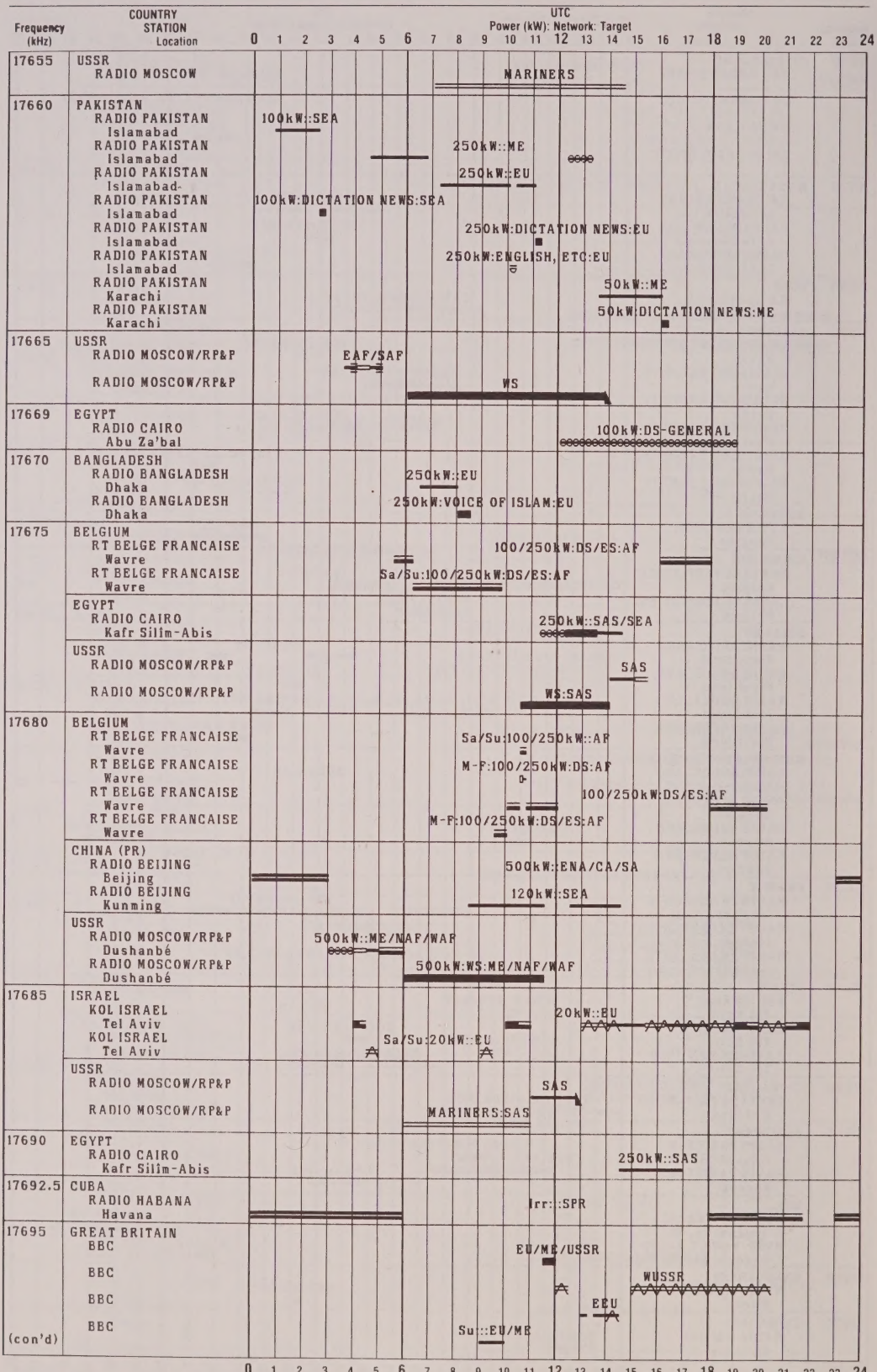

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15520 (con'd)
USSR
RADIO MOSCOW/RP&P
SAS
RADIO MOSCOW/RP&P
WS
15525
BANGLADESH
RADIO BANGLADESH
Dhaka
250kW:GOS:EU
USSR
RADIO MOSCOW
Kenga
100kW:DS-1
RADIO MOSCOW/RP&P
SPR:MIX WS & RUSSIAN
15530
USSR
RADIO AFGHANISTAN
Moscow
120kW::ME/EAF
RADIO MOSCOW/RP&P
WS
RADIO MOSCOW/RP&P
Moscow
120kW::ME/EAF
RADIO MOSCOW/RP&P
Moscow
120kW:WS:ME/EAF
15535
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::ATL
R EXTERIOR ESPANA
Noblejas
M-Sa:350kW::ATL
R EXTERIOR ESPANA
Noblejas
Su:350kW::ATL
USSR
RADIO MOSCOW
MARINERS
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW::WAF
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW::EEU/WAF
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW:AFRICAN:EEU/WAF
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
500kW:WS:EEU/WAF
15540
USSR
RADIO MOSCOW/RP&P
Minsk
100kW::ME
RADIO MOSCOW/RP&P
Minsk
100kW:WS:ME
15550
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
15kW:DS-1
CENTRAL PEOPLES BS
Beijing
W-M:15kW:DS-1
USSR
RADIO MOSCOW/RP&P
Armavir
500kW::WAF
RADIO MOSCOW/RP&P
L'vov
500kW::ME/SAS
15555
CLANDESTINE (M EAST)
"VO LIB OF IRAN"
Abu Za'bal, Egypt
100kW:ANTI-KHOMEYNI:ME
15560
HOLLAND
+RADIO NEDERLAND
Flevoland
500kW
+RADIO NEDERLAND
Flevoland
500kW::EAS
+RADIO NEDERLAND
Flevoland
500kW::WAF
+RADIO NEDERLAND
Flevoland
500kW::SEA
+RADIO NEDERLAND
Flevoland
500kW::SAS/SEA
+RADIO NEDERLAND
Flevoland
500kW::ME
+RADIO NEDERLAND
Flevoland
500kW::ME/EAF
+RADIO NEDERLAND
Flevoland
500kW::AF
+RADIO NEDERLAND
Flevoland
Su:500kW::EU/ME/EAF
ISRAEL
KOL ISRAEL
Tel Aviv
300kW
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
300kW::WAF
RADIO NEDERLAND
Bonaire
300kW::SA
RADIO NEDERLAND
Bonaire
Su:300kW::WNA
15565
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::ME/NAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

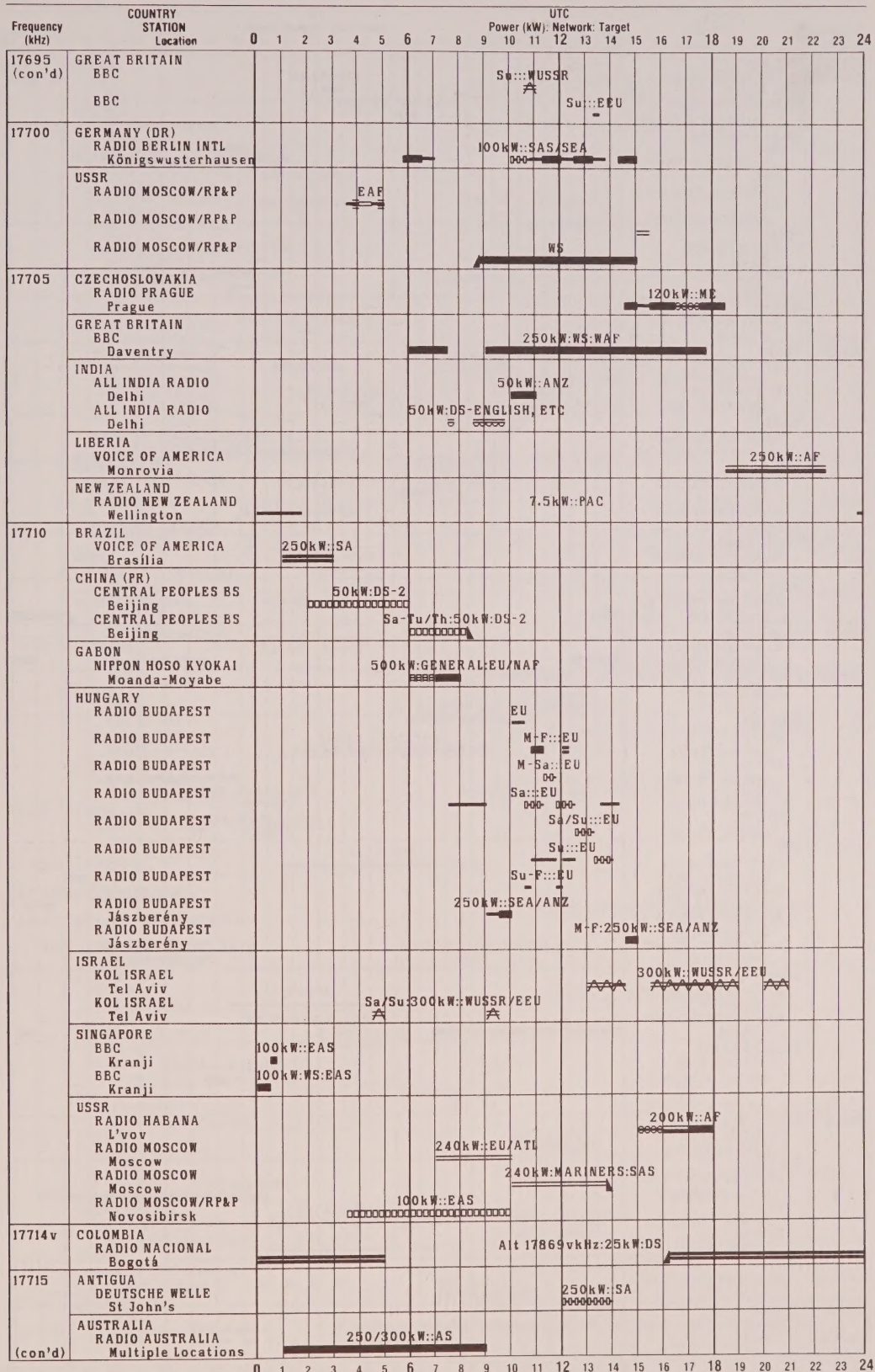

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15566
USA
+KVOH-VOICE OF HOPE Rancho Simi, Ca
WYFR-FAMILY RADIO Okeechobee,Florida
50kW:PROPOSED:CA
100kW::EU
15570
MADAGASCAR RADIO NEDERLAND Antananarivo
300kW::SAS
SWITZERLAND
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC
RED CROSS BC SVC Sottens
RED CROSS BC SVC Sottens
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL
SWISS RADIO INTL Sottens
SWISS RADIO INTL Sottens
Irr:M/Th::SAS/SEA
Irr:M/Th::SA/CA
Irr:M/Th::FRENCH, PORT:WAF
Irr:M/Th:500kW::ANZ/SEA
Irr:M/Th:500kW::EAS
SA/CA
SAS/SEA
WAF
500kW::ANZ/SEA
500kW::EAS
USSR
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P Khabarovsk
WAF
AFRICAN:WAF
WS:WAF
100kW::EAS
15575
BELGIUM
BELGISCHE RADIO TV Wavre
BELGISCHE RADIO TV Wavre
BELGISCHE RADIO TV Wavre
100/250kW::AF
Sa/Su:100/250kW::AF
Su:100/250kW::AF
KOREA (REPUBLIC)
RADIO KOREA In-Kimjae
RADIO KOREA In-Kimjae
RADIO KOREA In-Kimjae
RADIO KOREA In-Kimjae
250kW::AM
100kW::EU
250kW::ME
250kW::NA
15580
USA
VOICE OF AMERICA Cincinnati, Ohio
250kW::AF
15582v
PAKISTAN
RADIO PAKISTAN Islamabad
100kW::SAS
15585
BANGLADESH
RADIO BANGLADESH Dhaka
RADIO BANGLADESH Dhaka
250kW::EU
250kW:VOICE OF ISLAM:EU
ISRAEL
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
KOL ISRAEL Tel Aviv
300kW::ME/EUSSR
300kW::EU/ENA
300kW::WUSSR
300kW::ENA/CA/WEU
SWITZERLAND
RED CROSS BC SVC
RED CROSS BC SVC
SWISS RADIO INTL
SWISS RADIO INTL
Irr:M/Th::EAS
Irr:M/Th::SAS/SEA
EAS
SAS/SEA
USSR
RADIO MOSCOW L'vov
RADIO MOSCOW/RP&P L'vov
RADIO MOSCOW/RP&P L'vov
200kW:MARINERS:WAF/ATL
200kW::WAF
200kW:WS:WAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

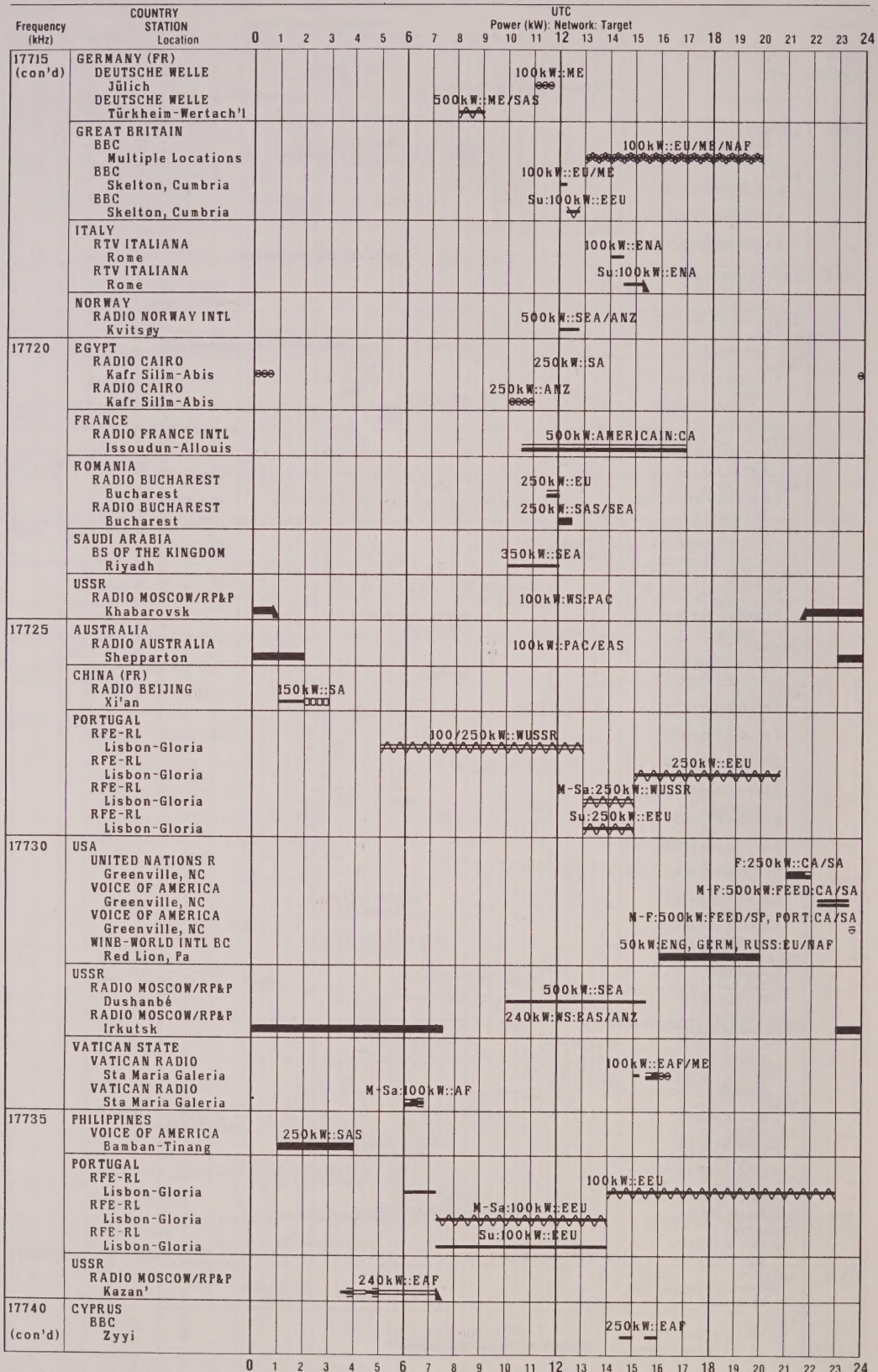

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15590
BELGIUM
BELGISCHE RADIO TV Wavre
100/250kW::AF
M-Sa:100/250kW::NA
M-Sa:100/250kW::AF
Su:100/250kW::AF
CHINA (PR)
CENTRAL PEOPLES BS Beijing
15kW:DS-1
M-M:15kW:DS-1
15595
PAKISTAN
RADIO PAKISTAN Islamabad
RADIO PAKISTAN Karachi
250kW::ME
250kW::ME/NAF
250kW:DICTATION NEWS:ME
50kW::ME
USSR
RADIO MOSCOW/RP&P
WS
15600
CHINA (PR)
RADIO BEIJING
AM
SEA
LIBERIA
VOICE OF AMERICA Monrovia
250kW::WAF/SAF
250kW::SA
M-F:250kW:ENGLISH,FRENCH,ETC:WAF/SAF
USSR
RADIO MOSCOW
15kW:USB:DS-1(FEEDER)
15605
PAKISTAN
RADIO PAKISTAN Islamabad
250kW::EU
250kW:DICTATION NEWS:EU
250kW:ENGLISH, ETC:EU
15615
ISRAEL
RASHUTH HASHIDUR Tel Aviv
50kW:DS-B EU/ENA
15630
GREECE
FONI TIS HELLADAS Athens
100kW::ANZ
100kW::EAS
100kW::AF
100kW::NA/EU
100kW:ENGLISH, ETC:ANZ
100kW:ENGLISH, ETC:EAS
100kW:ENGLISH, ETC:NA/EU
100kW:FRENCH, ETC:AF
250kW::AF
250kW:ENGLISH, ETC:AF
Kaválla
15650
CLANDESTINE (M EAST)
"RADIO IRAN"
Abu Za'bal, Egypt
100kW:ANTI-KHOMEYNI:ME
USA
VOICE OF AMERICA Greenville, NC
50kW:LSB:(FEEDER)
15652.5
USA
UNITED NATIONS R Greenville, NC
F:50kW:LSB:(FEEDER):NAF
M-F:50kW:LSB:(FEEDER):NAF
F:50kW:LSB:ENGLISH, PORT(FEEDER)
15670
CHINA (PR)
CENTRAL PEOPLES BS Kunming
50kW:DS-MINORITIES
15710
CHINA (PR)
CENTRAL PEOPLES BS Beijing
10kW:TAIWAN-1
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

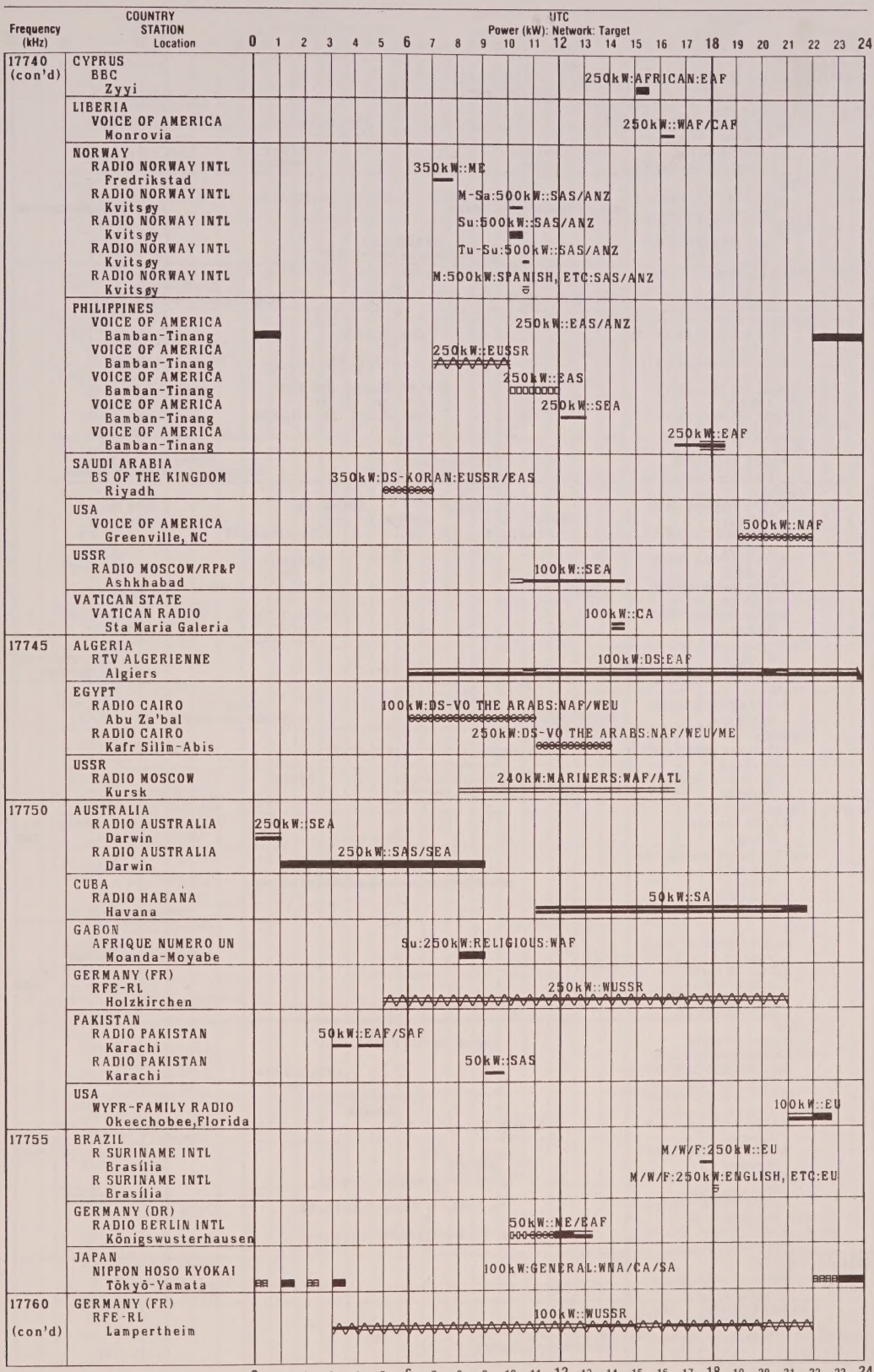

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
15715 ANTIGUA DEUTSCHE WELLE St John's
SPR:2X 5410-15105
USA VOICE OF AMERICA Greenville, NC
Alt 10235kHz:50kW:ISU:(FEEDER)
VOICE OF AMERICA Greenville, NC
Alt 10235kHz:50kW:ISL:(FEEDER)
15752 USA VOICE OF AMERICA Greenville, NC
50kW:LSB:FEEDS ASCENSION(FEEDER):ATL
15775 GERMANY (FR) RFE-RL Holzkirchen
10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
10kW:ISU:(FEEDER):WEU
15780 ARGENTINA RADIO DEL PLATA Buenos Aires
ISL:(FEEDER):DS
RADIO RIVADAVIA Buenos Aires
ISU:(FEEDER):DS
15880 CHINA (PR) CENTRAL PEOPLES BS Beijing
15kW:TAIWAN-2
16060 USSR RADIO MOSCOW Irkutsk
15kW:USB:MARINERS(FEEDER)
16065 GERMANY (FR) RFE-RL Holzkirchen
10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
10kW:ISU:(FEEDER):WEU
16192.7 USSR RADIO MOSCOW/RP&P
LSB:N AMERICAN(FEEDER)
16230 ALBANIA RADIO TIRANA Krujë
50/100kW::EAS
16330 USSR RADIO MOSCOW Moscow
20kW:ISU:DS-2(FEEDER)
RADIO MOSCOW Moscow
20kW:ISL:DS-3(FEEDER)
16433 KIRIBATI RADIO KIRIBATI Betio
Alt 9825kHz:10kW:USB:DS-ENGLISH, ETC(FEEDER)
RADIO KIRIBATI Betio
Alt 9825kHz:Irr:M-F:10kW:USB:DS-ENGLISH, ETC
RADIO KIRIBATI Betio
Alt 9825kHz:M-Sa:10kW:USB:DS-ENGLISH, ETC
RADIO KIRIBATI Betio
Alt 9825kHz:Sa:10kW:USB:DS-ENGLISH, ETC
17387 INDIA ALL INDIA RADIO Delhi
100kW::EAS
17395 USSR RADIO MOSCOW Novosibirsk
15kW:USB:MARINERS(FEEDER)
17445 GERMANY (FR) RFE-RL Holzkirchen
10kW:ISL:(FEEDER):WEU
RFE-RL Holzkirchen
10kW:ISU:(FEEDER):WEU
17533 CHINA (PR) RADIO BEIJING Beijing
AM
CLANDESTINE (ASIA) "VO DEM KAMPUCHEA" Beijing, China(PR)
PRO-POL POT:SEA
17555 ISRAEL KOL ISRAEL Tel Aviv
20kW::EEU/WUSSR
RASHUTH HASHIDUR Tel Aviv
20kW:DS-B:EEU/WUSSR
USSR RADIO MOSCOW/RP&P Serpukhov
250kW:WS:SAS/SEA
17565 GREECE FONI TIS HELLADAS Athens
100kW::NA/EU
FONI TIS HELLADAS Athens
100kW::AF
FONI TIS HELLADAS Athens
100kW:ENGLISH, ETC:NA/EU
FONI TIS HELLADAS Athens
100kW:ENGLISH, ETC:AF
FONI TIS HELLADAS Athens
100kW:FRENCH, ETC:AF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

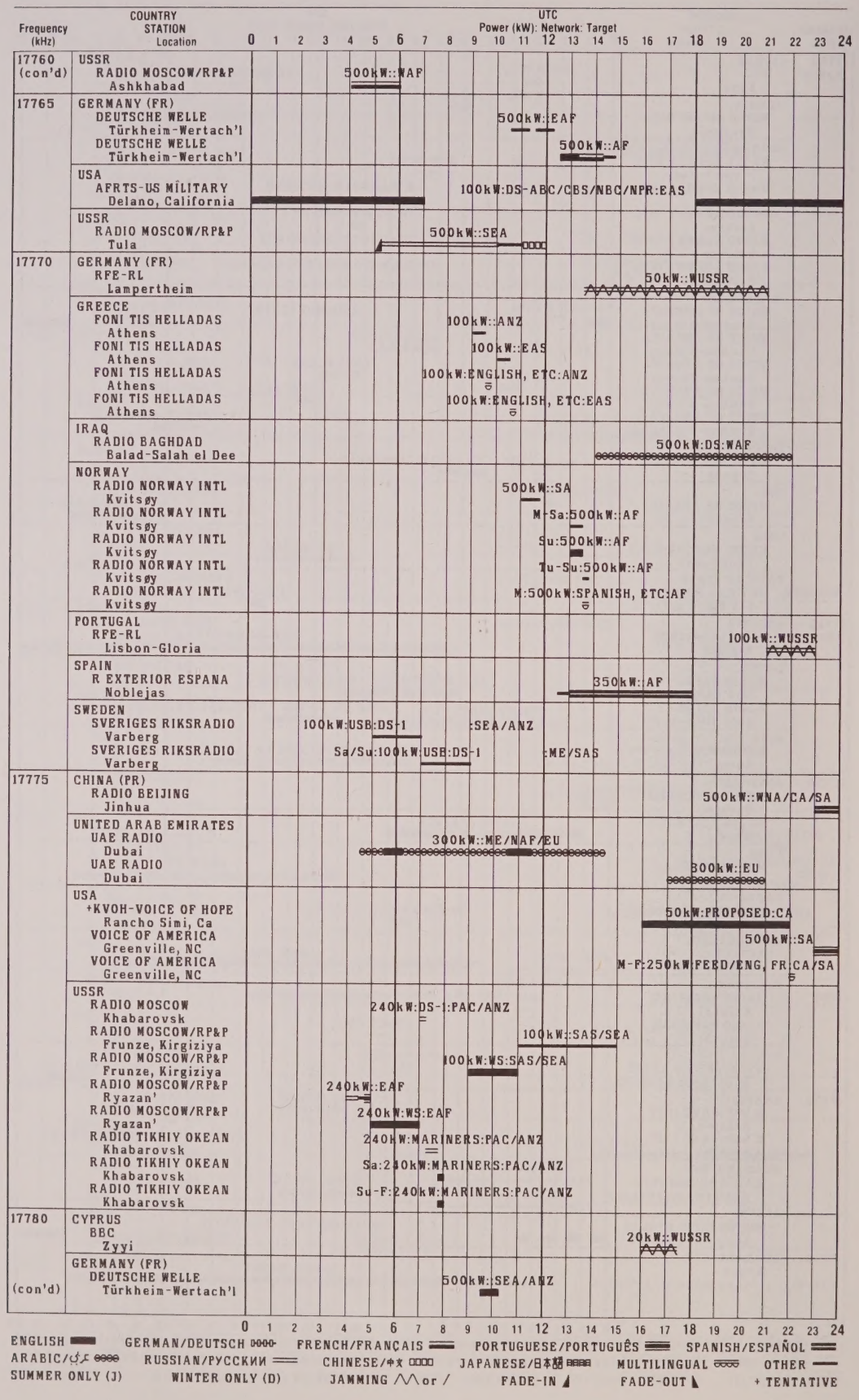

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17570
SWITZERLAND
RED CROSS BC SVC
Irr:M/Th:::ME
RED CROSS BC SVC
Irr:M/Th::FRENCH, ENGLISH:WAF
SWISS RADIO INTL
ME
SWISS RADIO INTL
WAF
17575
MADAGASCAR
RADIO NEDERLAND Antananarivo
300kW::SEA
RADIO NEDERLAND Antananarivo
300kW::SAS/EAS
RADIO NEDERLAND Antananarivo
300kW::SAS/SEA
17580
USSR
RADIO MOSCOW Moscow
15kW:LSB:DS-2(FEEDER)
17595
BELGIUM
BELGISCHE RADIO TV Wavre
100/250kW::AF
BELGISCHE RADIO TV Wavre
M-F:100/250kW::EAS
BELGISCHE RADIO TV Wavre
M-Sa:100/250kW::AF
BELGISCHE RADIO TV Wavre
Sa:100/250kW::EAS
BELGISCHE RADIO TV Wavre
Sa/Su:100/250kW::AF
BELGISCHE RADIO TV Wavre
Su:100/250kW::AF
MOROCCO
RTV MAROCAINE Tangier
50kW:DS
17605
CHINA (PR)
CENTRAL PEOPLES BS Beijing
15kW:DS-1
CENTRAL PEOPLES BS Beijing
W-M:15kW:DS-1
HOLLAND
RADIO NEDERLAND Flevoland
500kW::ME
RADIO NEDERLAND Flevoland
500kW::AF
RADIO NEDERLAND Flevoland
500kW::SEA
RADIO NEDERLAND Flevoland
500kW::SAS
NETHERLANDS ANTILLES
RADIO NEDERLAND Bonaire
300kW::SA
RADIO NEDERLAND Bonaire
300kW::NAF
RADIO NEDERLAND Bonaire
300kW::WAF
RADIO NEDERLAND Bonaire
Su:300kW::SA
17620
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100/500kW::AF
RADIO FRANCE INTL Issoudun-Allouis
Su:100/500kW::AF
RADIO FRANCE INTL Issoudun-Allouis
M-Sa:100/500kW:MEDIAS FRANCE:AF
17630
ISRAEL
KOL ISRAEL Tel Aviv
300kW::SEA/ANZ
KOL ISRAEL Tel Aviv
300kW::EU/ENA
RASHUTH HASHIDUR Tel Aviv
300kW:DS-3:EU/ENA
17635
CHINA (PR)
CENTRAL PEOPLES BS Kunming
50kW:DS-MINORITIES
17640
PAKISTAN
RADIO PAKISTAN Islamabad
100kW::ME/NAF
RADIO PAKISTAN Karachi
50kW::SEA
USA
VOICE OF AMERICA Greenville, NC
500kW::AF
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::EU
17645
BANGLADESH
RADIO BANGLADESH Dhaka
250kW:GOS:EU
17650
CHINA (PR)
RADIO BEIJING Kunming
50kW::SA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

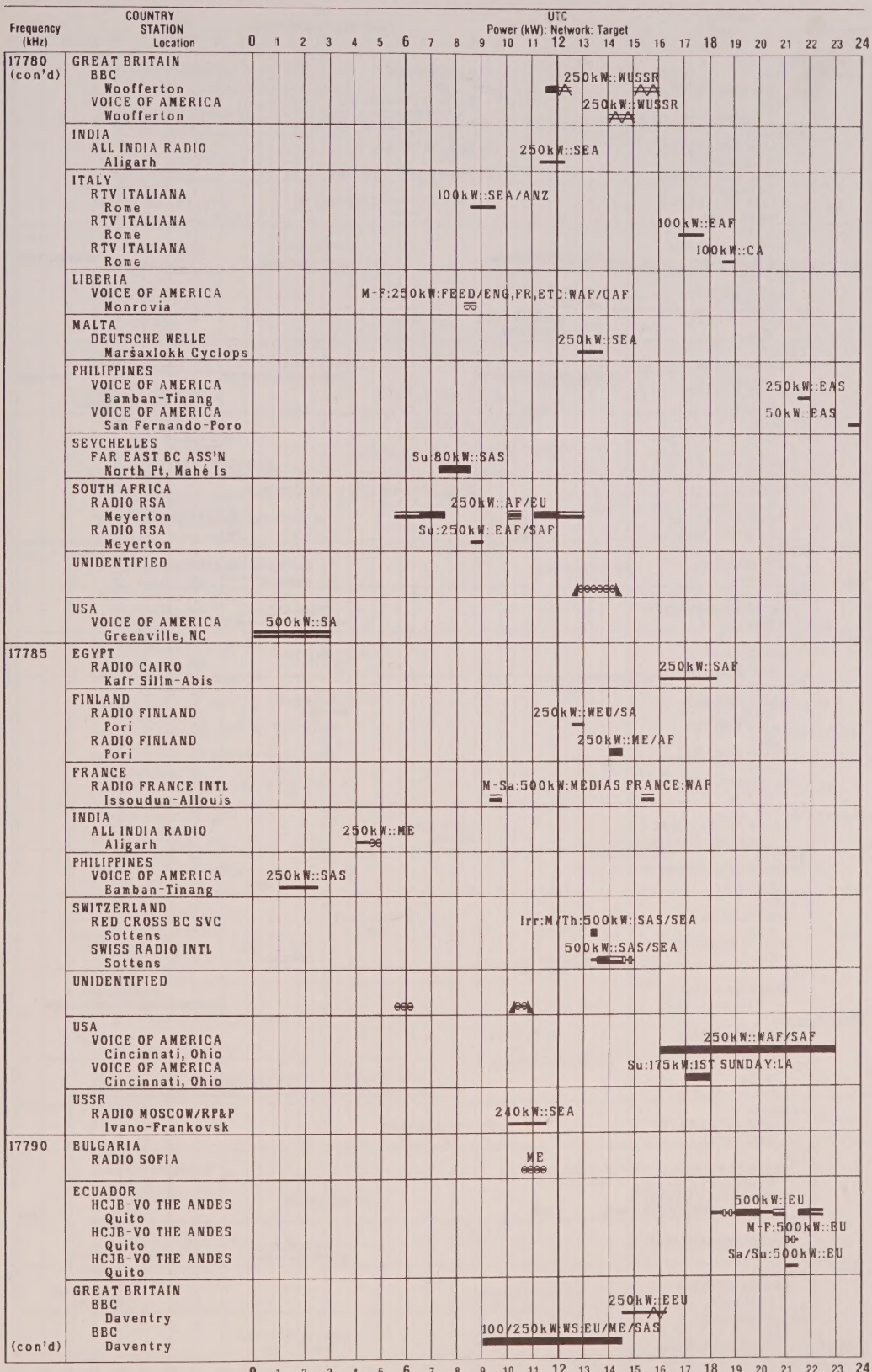

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17655 USSR RADIO MOSCOW
MARINERS
17660 PAKISTAN RADIO PAKISTAN Islamabad
100kW::SEA
RADIO PAKISTAN Islamabad
250kW::ME
RADIO PAKISTAN Islamabad
250kW::EU
RADIO PAKISTAN Islamabad
100kW:DICTATION NEWS:SEA
RADIO PAKISTAN Islamabad
250kW:DICTATION NEWS:EU
RADIO PAKISTAN Islamabad
250kW:ENGLISH, ETC:EU
RADIO PAKISTAN Karachi
50kW::ME
RADIO PAKISTAN Karachi
50kW:DICTATION NEWS:ME
17665 USSR RADIO MOSCOW/RP&P
EAF/SAF
RADIO MOSCOW/RP&P
WS
17669 EGYPT RADIO CAIRO Abu Za'bal
100kW:DS-GENERAL
17670 BANGLADESH RADIO BANGLADESH Dhaka
250kW::EU
RADIO BANGLADESH Dhaka
250kW:VOICE OF ISLAM:EU
17675 BELGIUM RT BELGE FRANCAISE Wavre
100/250kW:DS/ES:AF
RT BELGE FRANCAISE Wavre
Sa/Su:100/250kW:DS/ES:AF
EGYPT RADIO CAIRO Kafr Silim-Abis
250kW::SAS/SEA
USSR RADIO MOSCOW/RP&P
SAS
RADIO MOSCOW/RP&P
WS:SAS
17680 BELGIUM RT BELGE FRANCAISE Wavre
Sa/Su:100/250kW::AF
RT BELGE FRANCAISE Wavre
M-F:100/250kW:DS:AF
RT BELGE FRANCAISE Wavre
100/250kW:DS/ES:AF
RT BELGE FRANCAISE Wavre
M-F:100/250kW:DS/ES:AF
CHINA (PR) RADIO BEIJING Beijing
500kW::ENA/CA/SA
RADIO BEIJING Kunming
120kW::SEA
USSR RADIO MOSCOW/RP&P Dushanbé
500kW::ME/NAF/WAF
RADIO MOSCOW/RP&P Dushanbé
500kW:WS:ME/NAF/WAF
17685 ISRAEL KOL ISRAEL Tel Aviv
20kW::EU
KOL ISRAEL Tel Aviv
Sa/Su:20kW::EU
USSR RADIO MOSCOW/RP&P
SAS
RADIO MOSCOW/RP&P
MARINERS:SAS
17690 EGYPT RADIO CAIRO Kafr Silim-Abis
250kW::SAS
17692.5 CUBA RADIO HABANA Havana
Irr::SPR
17695 GREAT BRITAIN BBC
EU/ME/USSR
BBC
WUSSR
BBC
EEU
BBC (con'd)
Su::EU/ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH GERMAN/DEUTSCH FRENCH/FRANÇAIS PORTUGUESE/PORTUGUÊS SPANISH/ESPAÑOL
ARABIC/عربي RUSSIAN/РУССКИЙ CHINESE/中文 JAPANESE/日本語 MULTILINGUAL OTHER
SUMMER ONLY (J) WINTER ONLY (D) JAMMING or / FADE-IN FADE-OUT + TENTATIVE

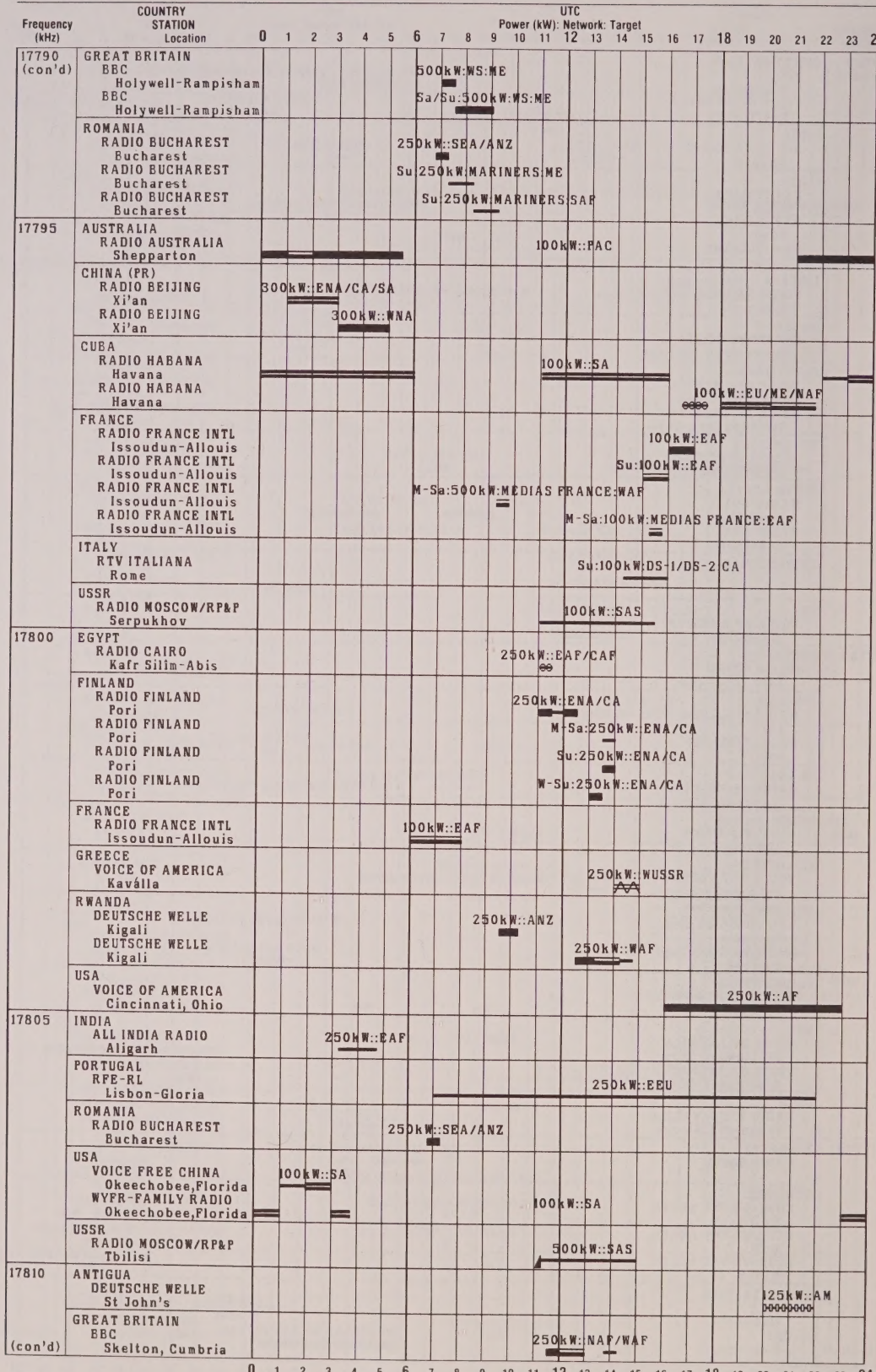

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17695 (con'd)
GREAT BRITAIN
BBC
Su:::WUSSR
BBC
Su:::EEU
17700
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
100kW::SAS/SEA
USSR
RADIO MOSCOW/RP&P
EAF
RADIO MOSCOW/RP&P
RADIO MOSCOW/RP&P
WS
17705
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::ME
GREAT BRITAIN
BBC
Daventry
250kW:WS:WAF
INDIA
ALL INDIA RADIO
Delhi
50kW::ANZ
ALL INDIA RADIO
Delhi
50kW:DS-ENGLISH, ETC
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::AF
NEW ZEALAND
RADIO NEW ZEALAND
Wellington
7.5kW::PAC
17710
BRAZIL
VOICE OF AMERICA
Brasília
250kW::SA
CHINA (PR)
CENTRAL PEOPLES BS
Beijing
50kW:DS-2
CENTRAL PEOPLES BS
Beijing
Sa-Tu/Th:50kW:DS-2
GABON
NIPPON HOSO KYOKAI
Moanda-Moyabe
500kW:GENERAL:EU/NAF
HUNGARY
RADIO BUDAPEST
EU
RADIO BUDAPEST
M-F:::EU
RADIO BUDAPEST
M-Sa:::EU
RADIO BUDAPEST
Sa:::EU
RADIO BUDAPEST
Sa/Su:::EU
RADIO BUDAPEST
Su:::EU
RADIO BUDAPEST
Su-F:::EU
RADIO BUDAPEST
Jászberény
250kW::SEA/ANZ
RADIO BUDAPEST
Jászberény
M-F:250kW::SEA/ANZ
ISRAEL
KOL ISRAEL
Tel Aviv
300kW::WUSSR/EEU
KOL ISRAEL
Tel Aviv
Sa/Su:300kW::WUSSR/EEU
SINGAPORE
BBC
Kranji
100kW::EAS
BBC
Kranji
100kW:WS:EAS
USSR
RADIO HABANA
L'vov
200kW::AF
RADIO MOSCOW
Moscow
240kW::EU/ATL
RADIO MOSCOW
Moscow
240kW:MARINERS:SAS
RADIO MOSCOW/RP&P
Novosibirsk
100kW::EAS
17714v
COLOMBIA
RADIO NACIONAL
Bogotá
Alt 17869vkHz:25kW:DS
17715
ANTIGUA
DEUTSCHE WELLE
St John's
250kW::SA
AUSTRALIA
RADIO AUSTRALIA
Multiple Locations
(con'd)
250/300kW::AS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

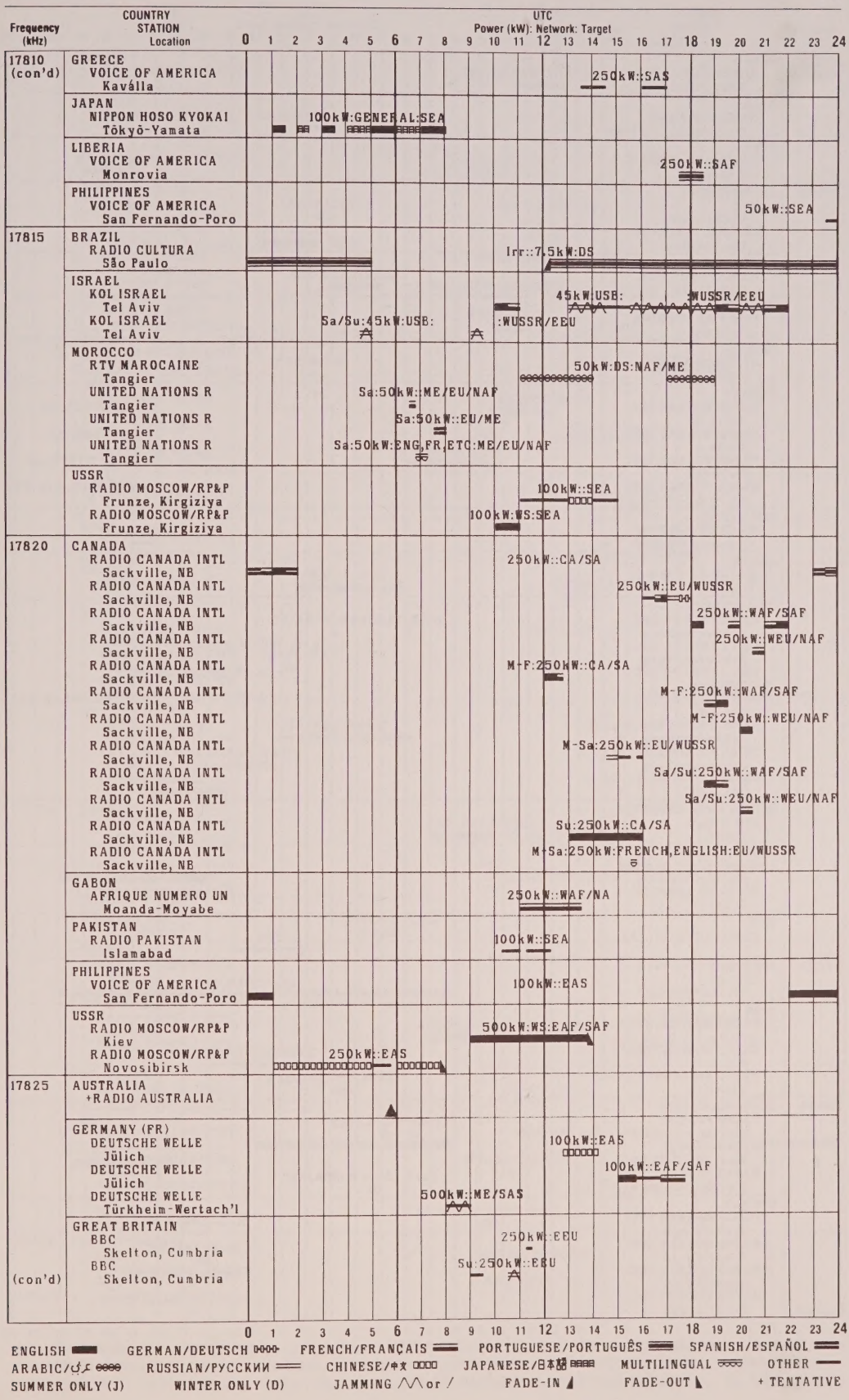

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17715 (con'd)
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
GREAT BRITAIN
BBC
Multiple Locations
100kW::EU/ME/NAF
BBC
Skelton, Cumbria
100kW::EU/ME
BBC
Skelton, Cumbria
Su:100kW::EEU
ITALY
RTV ITALIANA
Rome
100kW::ENA
RTV ITALIANA
Rome
Su:100kW::ENA
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::SEA/ANZ
17720
EGYPT
RADIO CAIRO
Kafr Silim-Abis
250kW::SA
RADIO CAIRO
Kafr Silim-Abis
250kW::ANZ
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW:AMERICA IN:CA
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::EU
RADIO BUCHAREST
Bucharest
250kW::SAS/SEA
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
350kW::SEA
USSR
RADIO MOSCOW/RP&P
Khabarovsk
100kW:WS:PAC
17725
AUSTRALIA
RADIO AUSTRALIA
Shepparton
100kW::PAC/EAS
CHINA (PR)
RADIO BEIJING
Xi'an
150kW::SA
PORTUGAL
RFE-RL
Lisbon-Gloria
100/250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:250kW::WUSSR
RFE-RL
Lisbon-Gloria
Su:250kW::EEU
17730
USA
UNITED NATIONS R
Greenville, NC
F:250kW::CA/SA
VOICE OF AMERICA
Greenville, NC
M-F:500kW:FEED:CA/SA
VOICE OF AMERICA
Greenville, NC
M-F:500kW:FEED/SP, PORT:CA/SA
WINB-WORLD INTL BC
Red Lion, Pa
50kW:ENG, GERM, RUSS:EU/NAF
USSR
RADIO MOSCOW/RP&P
Dushanbé
500kW::SEA
RADIO MOSCOW/RP&P
Irkutsk
240kW:WS:BAS/ANZ
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EAF/ME
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW::AF
17735
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::EEU
RFE-RL
Lisbon-Gloria
M-Sa:100kW::EEU
RFE-RL
Lisbon-Gloria
Su:100kW::EEU
USSR
RADIO MOSCOW/RP&P
Kazan'
240kW::EAF
17740 (con'd)
CYPRUS
BBC
Zyyi
250kW::EAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING ⋀⋀ or /
FADE-IN
FADE-OUT
+ TENTATIVE

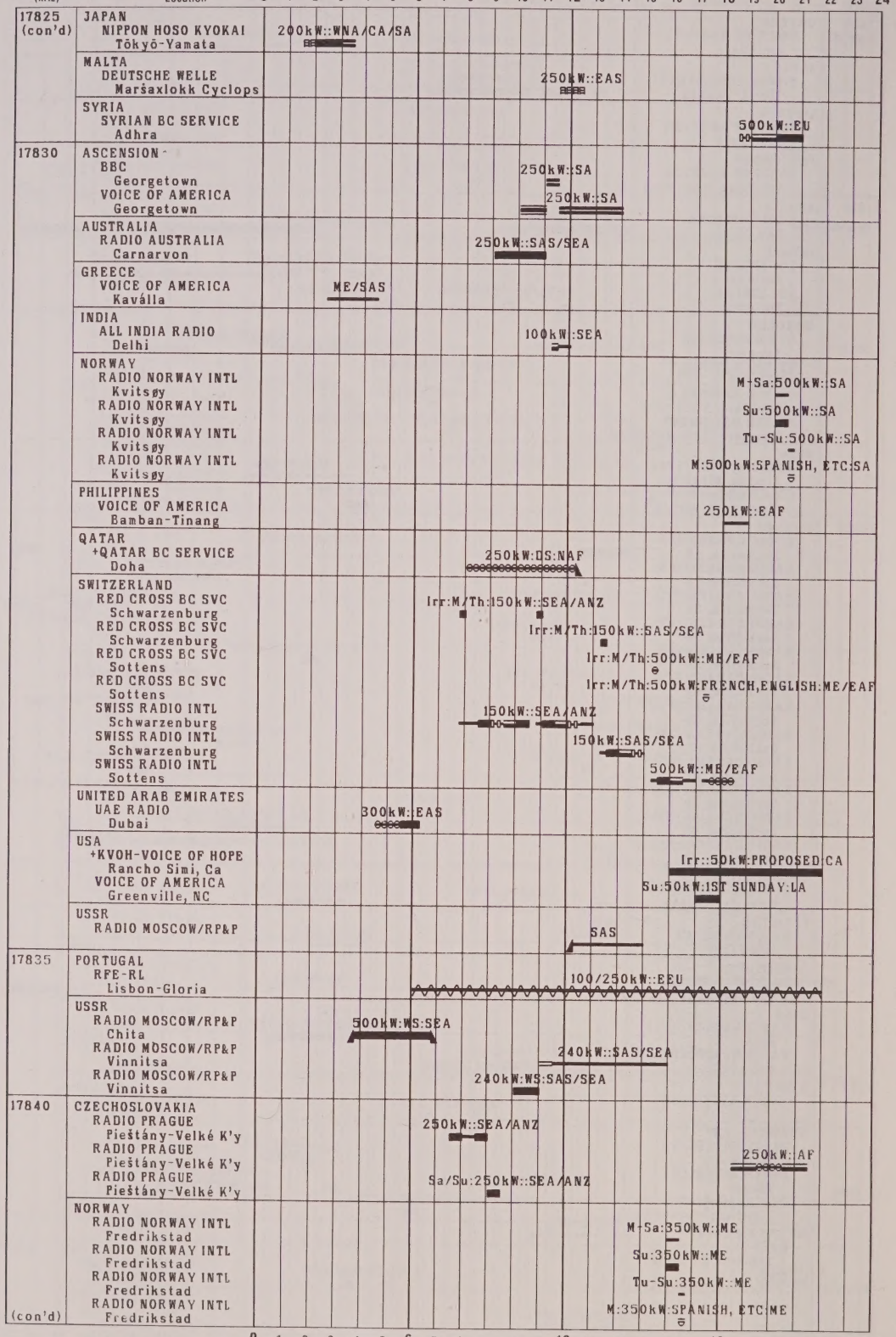

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17740 (con'd)
CYPRUS
BBC
Zyyi
250kW:AFRICAN:EAF
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::WAF/CAF
NORWAY
RADIO NORWAY INTL
Fredrikstad
350kW::ME
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::SAS/ANZ
RADIO NORWAY INTL
Kvitsøy
Su:500kW::SAS/ANZ
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::SAS/ANZ
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:SAS/ANZ
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS/ANZ
VOICE OF AMERICA
Bamban-Tinang
250kW::EUSSR
VOICE OF AMERICA
Bamban-Tinang
250kW::EAS
VOICE OF AMERICA
Bamban-Tinang
250kW::SEA
VOICE OF AMERICA
Bamban-Tinang
250kW::EAF
SAUDI ARABIA
BS OF THE KINGDOM
Riyadh
350kW:DS-KORAN:EUSSR/EAS
USA
VOICE OF AMERICA
Greenville, NC
500kW::NAF
USSR
RADIO MOSCOW/RP&P
Ashkhabad
100kW::SEA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::CA
17745
ALGERIA
RTV ALGERIENNE
Algiers
100kW:DS:EAF
EGYPT
RADIO CAIRO
Abu Za'bal
100kW:DS-VO THE ARABS:NAF/WEU
RADIO CAIRO
Kafr Silim-Abis
250kW:DS-VO THE ARABS:NAF/WEU/ME
USSR
RADIO MOSCOW
Kursk
240kW:MARINERS:WAF/ATL
17750
AUSTRALIA
RADIO AUSTRALIA
Darwin
250kW::SEA
RADIO AUSTRALIA
Darwin
250kW::SAS/SEA
CUBA
RADIO HABANA
Havana
50kW::SA
GABON
AFRIQUE NUMERO UN
Moanda-Moyabe
Su:250kW:RELIGIOUS:WAF
GERMANY (FR)
RFE-RL
Holzkirchen
250kW::WUSSR
PAKISTAN
RADIO PAKISTAN
Karachi
50kW::EAF/SAF
RADIO PAKISTAN
Karachi
50kW::SAS
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::EU
17755
BRAZIL
R SURINAME INTL
Brasília
M/W/F:250kW::EU
R SURINAME INTL
Brasília
M/W/F:250kW:ENGLISH, ETC:EU
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
50kW::NE/EAF
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:WNA/CA/SA
17760 (con'd)
GERMANY (FR)
RFE-RL
Lampertheim
100kW::WUSSR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

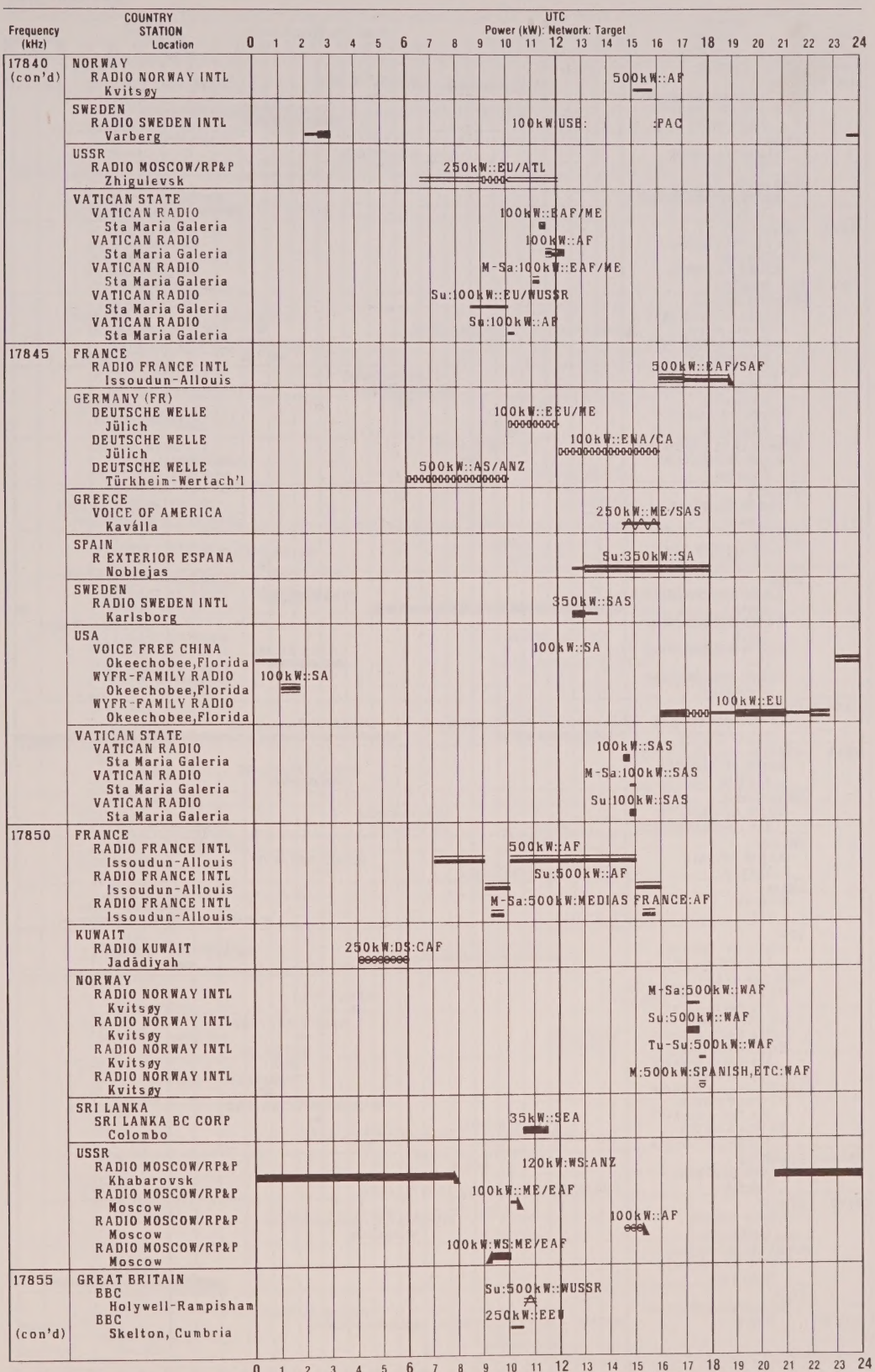

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17760 (con'd)
USSR
RADIO MOSCOW/RP&P
Ashkhabad
500kW::WAF
17765
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::EAF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AF
USA
AFRTS-US MILITARY
Delano, California
100kW:DS-ABC/CBS/NBC/NPR:EAS
USSR
RADIO MOSCOW/RP&P
Tula
500kW::SEA
17770
GERMANY (FR)
RFE-RL
Lampertheim
50kW::WUSSR
GREECE
FONI TIS HELLADAS
Athens
100kW::ANZ
FONI TIS HELLADAS
Athens
100kW::EAS
FONI TIS HELLADAS
Athens
100kW:ENGLISH, ETC:ANZ
FONI TIS HELLADAS
Athens
100kW:ENGLISH, ETC:EAS
IRAQ
RADIO BAGHDAD
Balad-Salah el Dee
500kW:DS:WAF
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::SA
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::AF
RADIO NORWAY INTL
Kvitsøy
Su:500kW::AF
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::AF
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH, ETC:AF
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::WUSSR
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::AF
SWEDEN
SVERIGES RIKSRADIO
Varberg
100kW:USB:DS-1 :SEA/ANZ
SVERIGES RIKSRADIO
Varberg
Sa/Su:100kW:USB:DS-1 :ME/SAS
17775
CHINA (PR)
RADIO BEIJING
Jinhua
500kW::WNA/CA/SA
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::ME/NAF/EU
UAE RADIO
Dubai
300kW::EU
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
50kW:PROPOSED:CA
VOICE OF AMERICA
Greenville, NC
500kW::SA
VOICE OF AMERICA
Greenville, NC
M-F:250kW:FEED/ENG, FR:CA/SA
USSR
RADIO MOSCOW
Khabarovsk
240kW:DS-1:PAC/ANZ
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
100kW::SAS/SEA
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
100kW:WS:SAS/SEA
RADIO MOSCOW/RP&P
Ryazan'
240kW::EAF
RADIO MOSCOW/RP&P
Ryazan'
240kW:WS:EAF
RADIO TIKHIY OKEAN
Khabarovsk
240kW:MARINERS:PAC/ANZ
RADIO TIKHIY OKEAN
Khabarovsk
Sa:240kW:MARINERS:PAC/ANZ
RADIO TIKHIY OKEAN
Khabarovsk
Su-F:240kW:MARINERS:PAC/ANZ
17780
CYPRUS
BBC
Zyyi
20kW::WUSSR
(con'd)
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::SEA/ANZ
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

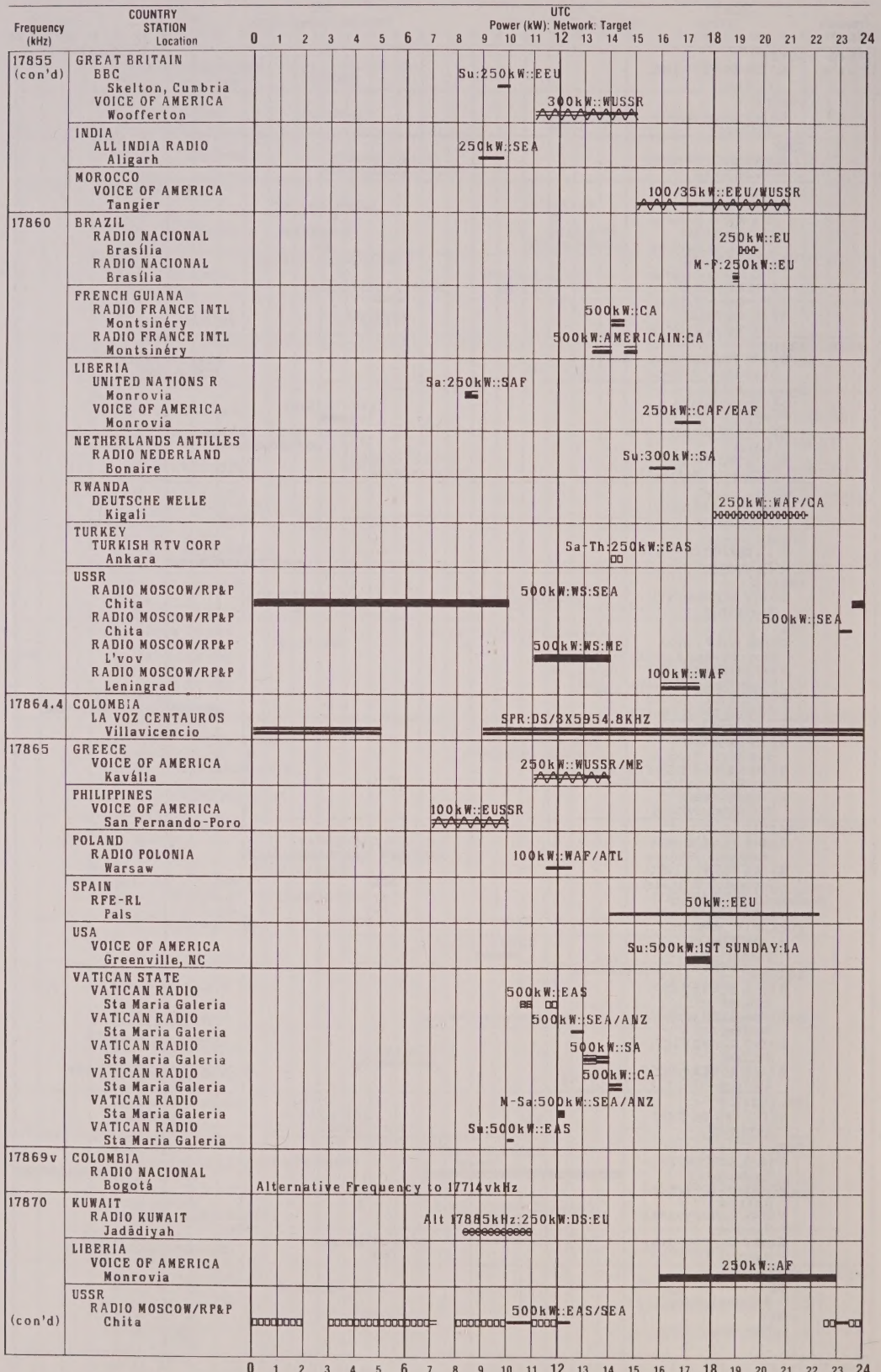

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17780 (con'd)
GREAT BRITAIN
BBC
Woofferton
VOICE OF AMERICA
Woofferton
250kW::WUSSR
250kW::WUSSR
INDIA
ALL INDIA RADIO
Aligarh
250kW::SEA
ITALY
RTV ITALIANA
Rome
RTV ITALIANA
Rome
RTV ITALIANA
Rome
100kW::SEA/ANZ
100kW::EAF
100kW::CA
LIBERIA
VOICE OF AMERICA
Monrovia
M-F:250kW:FEED/ENG,FR,ETC:WAF/CAF
MALTA
DEUTSCHE WELLE
Marśaxlokk Cyclops
250kW::SEA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
VOICE OF AMERICA
San Fernando-Poro
250kW::EAS
50kW::EAS
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
Su:80kW::SAS
SOUTH AFRICA
RADIO RSA
Meyerton
RADIO RSA
Meyerton
250kW::AF/EU
Su:250kW::EAF/SAF
UNIDENTIFIED
USA
VOICE OF AMERICA
Greenville, NC
500kW::SA
17785
EGYPT
RADIO CAIRO
Kafr Silim-Abis
250kW::SAF
FINLAND
RADIO FINLAND
Pori
RADIO FINLAND
Pori
250kW::WEU/SA
250kW::ME/AF
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
M-Sa:500kW:MEDIAS FRANCE:WAF
INDIA
ALL INDIA RADIO
Aligarh
250kW::ME
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS
SWITZERLAND
RED CROSS BC SVC
Sottens
SWISS RADIO INTL
Sottens
Irr:M/Th:500kW::SAS/SEA
500kW::SAS/SEA
UNIDENTIFIED
USA
VOICE OF AMERICA
Cincinnati, Ohio
VOICE OF AMERICA
Cincinnati, Ohio
250kW::WAF/SAF
Su:175kW:IST SUNDAY:LA
USSR
RADIO MOSCOW/RP&P
Ivano-Frankovsk
240kW::SEA
17790
BULGARIA
RADIO SOFIA
ME
ECUADOR
HCJB-VO THE ANDES
Quito
HCJB-VO THE ANDES
Quito
HCJB-VO THE ANDES
Quito
500kW::EU
M-F:500kW::EU
Sa/Su:500kW::EU
GREAT BRITAIN
BBC
Daventry
BBC
Daventry
(con'd)
250kW::EEU
100/250kW:WS:EU/ME/SAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

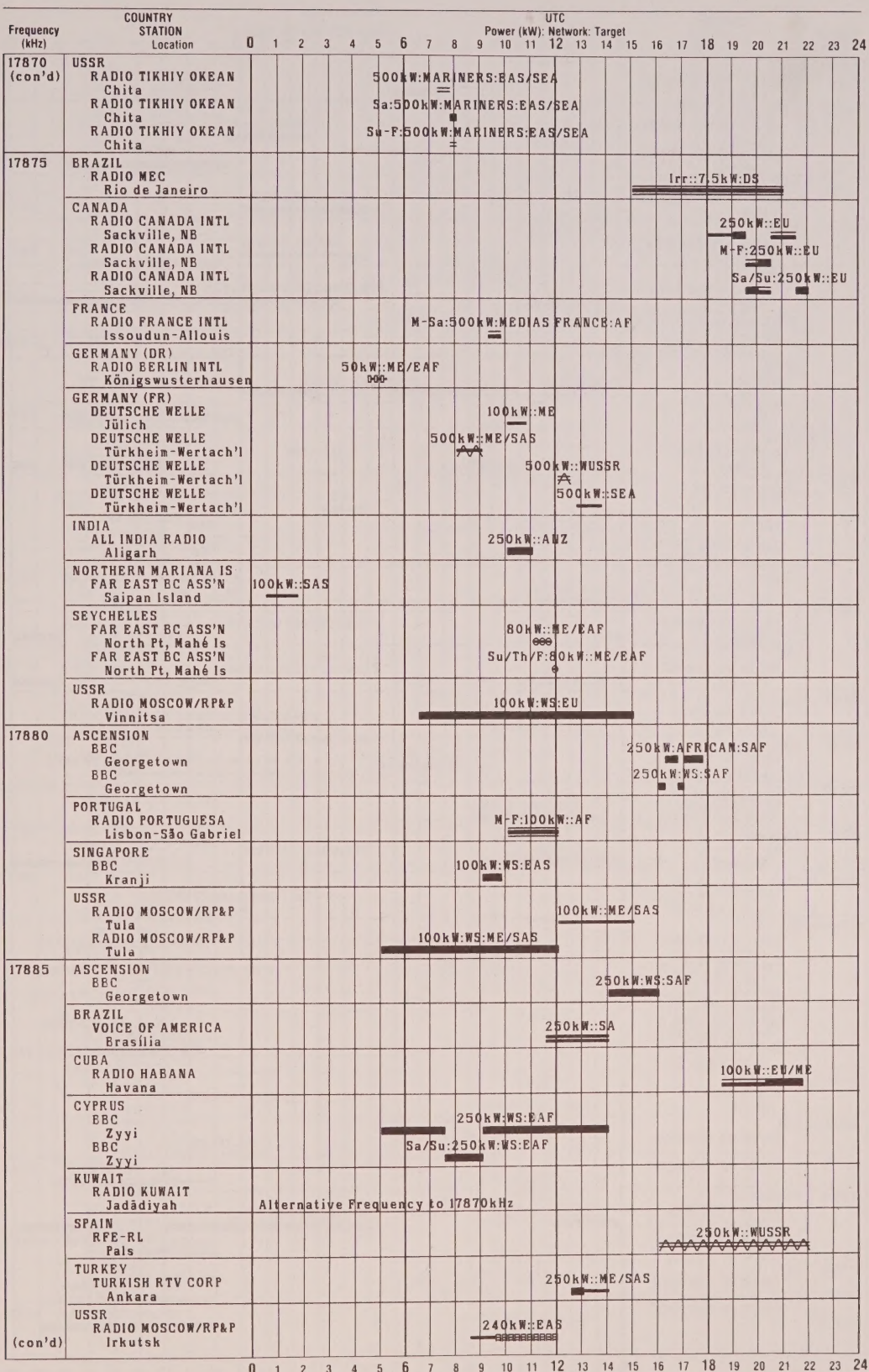

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17790 (con'd)
GREAT BRITAIN
BBC Holywell-Rampisham
500kW:WS:ME
BBC Holywell-Rampisham
Sa/Su:500kW:WS:ME
ROMANIA
RADIO BUCHAREST Bucharest
250kW::SEA/ANZ
RADIO BUCHAREST Bucharest
Su:250kW:MARINERS:ME
RADIO BUCHAREST Bucharest
Su:250kW:MARINERS:SAF
17795
AUSTRALIA
RADIO AUSTRALIA Shepparton
100kW::PAC
CHINA (PR)
RADIO BEIJING Xi'an
300kW::ENA/CA/SA
RADIO BEIJING Xi'an
300kW::WNA
CUBA
RADIO HABANA Havana
100kW::SA
RADIO HABANA Havana
100kW::EU/ME/NAF
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100kW::EAF
RADIO FRANCE INTL Issoudun-Allouis
Su:100kW::EAF
RADIO FRANCE INTL Issoudun-Allouis
M-Sa:500kW:MEDIAS FRANCE:WAF
RADIO FRANCE INTL Issoudun-Allouis
M-Sa:100kW:MEDIAS FRANCE:EAF
ITALY
RTV ITALIANA Rome
Su:100kW:DS-1/DS-2:CA
USSR
RADIO MOSCOW/RP&P Serpukhov
100kW::SAS
17800
EGYPT
RADIO CAIRO Kafr Silim-Abis
250kW::EAF/CAF
FINLAND
RADIO FINLAND Pori
250kW::ENA/CA
RADIO FINLAND Pori
M-Sa:250kW::ENA/CA
RADIO FINLAND Pori
Su:250kW::ENA/CA
RADIO FINLAND Pori
W-Su:250kW::ENA/CA
FRANCE
RADIO FRANCE INTL Issoudun-Allouis
100kW::EAF
GREECE
VOICE OF AMERICA Kaválla
250kW::WUSSR
RWANDA
DEUTSCHE WELLE Kigali
250kW::ANZ
DEUTSCHE WELLE Kigali
250kW::WAF
USA
VOICE OF AMERICA Cincinnati, Ohio
250kW::AF
17805
INDIA
ALL INDIA RADIO Aligarh
250kW::EAF
PORTUGAL
RFE-RL Lisbon-Gloria
250kW::EEU
ROMANIA
RADIO BUCHAREST Bucharest
250kW::SEA/ANZ
USA
VOICE FREE CHINA Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO Okeechobee,Florida
100kW::SA
USSR
RADIO MOSCOW/RP&P Tbilisi
500kW::SAS
17810
ANTIGUA
DEUTSCHE WELLE St John's
125kW::AM
(con'd)
GREAT BRITAIN
BBC Skelton, Cumbria
250kW::NAF/WAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

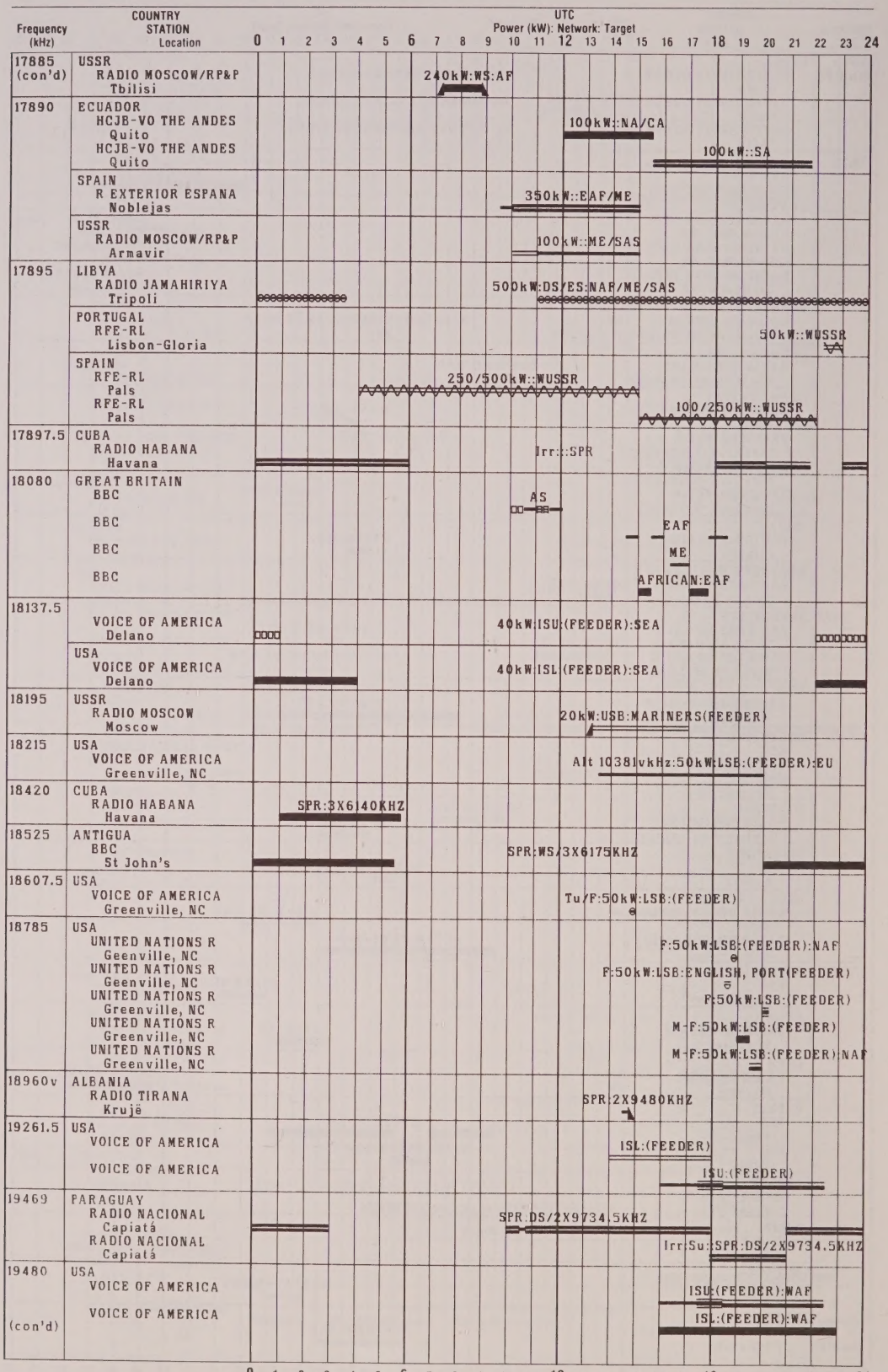

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17810 (con'd)
GREECE
VOICE OF AMERICA
Kaválla
250kW::SAS
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW:GENERAL:SEA
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::SAF
PHILIPPINES
VOICE OF AMERICA
San Fernando-Poro
50kW::SEA
17815
BRAZIL
RADIO CULTURA
São Paulo
Irr::7.5kW:DS
ISRAEL
KOL ISRAEL
Tel Aviv
45kW:USB:
:WUSSR/EEU
KOL ISRAEL
Tel Aviv
Sa/Su:45kW:USB:
:WUSSR/EEU
MOROCCO
RTV MAROCAINE
Tangier
50kW:DS:NAF/ME
UNITED NATIONS R
Tangier
Sa:50kW::ME/EU/NAF
UNITED NATIONS R
Tangier
Sa:50kW::EU/ME
UNITED NATIONS R
Tangier
Sa:50kW:ENG,FR,ETC:ME/EU/NAF
USSR
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
100kW::SEA
RADIO MOSCOW/RP&P
Frunze, Kirgiziya
100kW:WS:SEA
17820
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::CA/SA
RADIO CANADA INTL
Sackville, NB
250kW::EU/WUSSR
RADIO CANADA INTL
Sackville, NB
250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
250kW::WEU/NAF
RADIO CANADA INTL
Sackville, NB
M-F:250kW::CA/SA
RADIO CANADA INTL
Sackville, NB
M-F:250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
M-F:250kW::WEU/NAF
RADIO CANADA INTL
Sackville, NB
M-Sa:250kW::EU/WUSSR
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::WAF/SAF
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::WEU/NAF
RADIO CANADA INTL
Sackville, NB
Su:250kW::CA/SA
RADIO CANADA INTL
Sackville, NB
M-Sa:250kW:FRENCH,ENGLISH:EU/WUSSR
GABON
AFRIQUE NUMERO UN
Moanda-Moyabe
250kW::WAF/NA
PAKISTAN
RADIO PAKISTAN
Islamabad
100kW::SEA
PHILIPPINES
VOICE OF AMERICA
San Fernando-Poro
100kW::EAS
USSR
RADIO MOSCOW/RP&P
Kiev
500kW:WS:EAF/SAF
RADIO MOSCOW/RP&P
Novosibirsk
250kW::EAS
17825
AUSTRALIA
+RADIO AUSTRALIA
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EAS
DEUTSCHE WELLE
Jülich
100kW::EAF/SAF
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW::EEU
BBC
Skelton, Cumbria
(con'd)
Su:250kW::EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

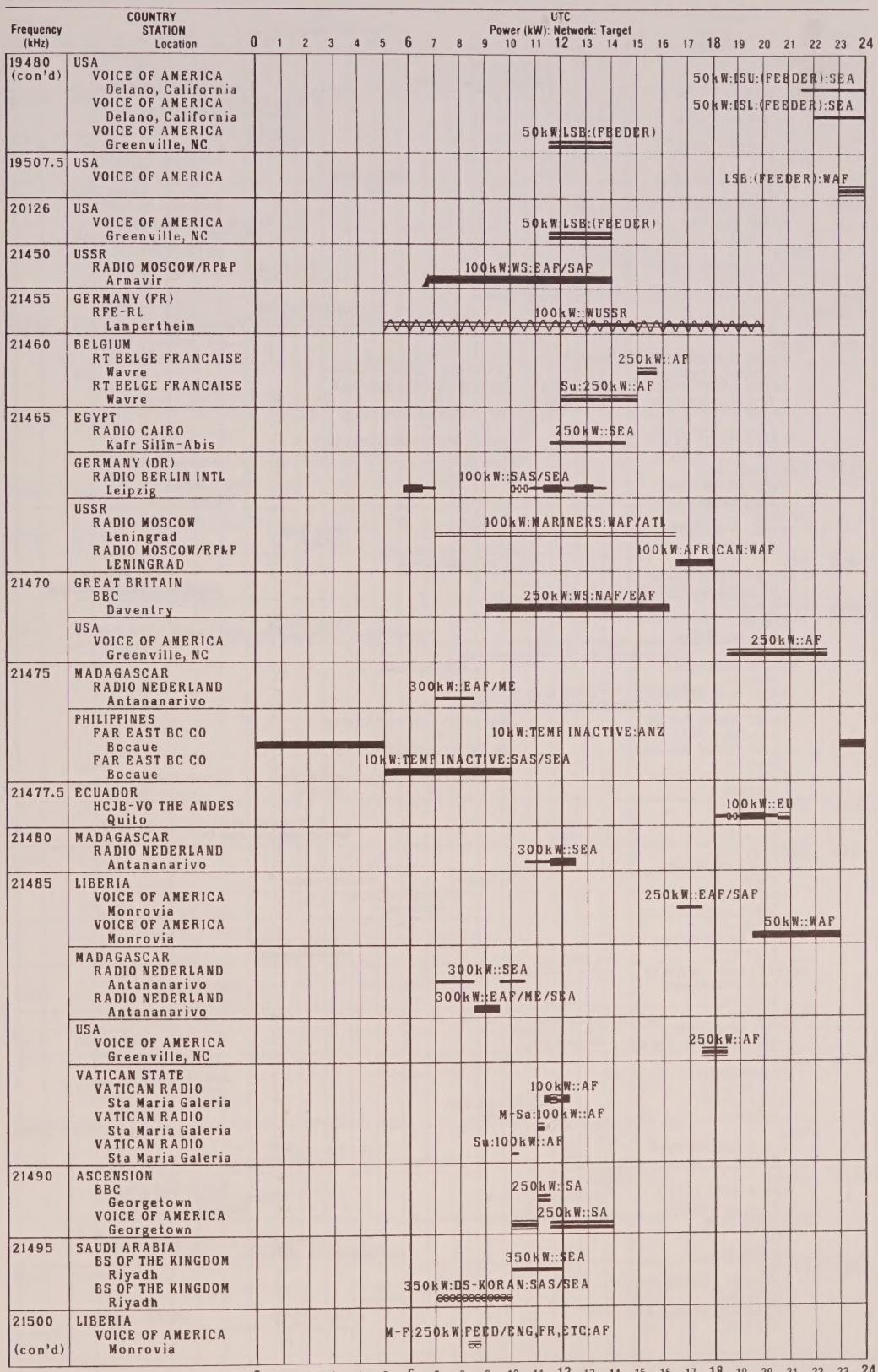

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17825 (con'd)
JAPAN
NIPPON HOSO KYOKAI
Tôkyô-Yamata
200kW::WNA/CA/SA
MALTA
DEUTSCHE WELLE
Marsaxlokk Cyclops
250kW::EAS
SYRIA
SYRIAN BC SERVICE
Adhra
500kW::EU
17830
ASCENSION
BBC
Georgetown
VOICE OF AMERICA
Georgetown
250kW::SA
250kW::SA
AUSTRALIA
RADIO AUSTRALIA
Carnarvon
250kW::SAS/SEA
GREECE
VOICE OF AMERICA
Kaválla
ME/SAS
INDIA
ALL INDIA RADIO
Delhi
100kW::SEA
NORWAY
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
RADIO NORWAY INTL
Kvitsøy
M+Sa:500kW::SA
Su:500kW::SA
Tu-Su:500kW::SA
M:500kW:SPANISH, ETC:SA
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EAF
QATAR
+QATAR BC SERVICE
Doha
250kW:DS:NAF
SWITZERLAND
RED CROSS BC SVC
Schwarzenburg
RED CROSS BC SVC
Schwarzenburg
RED CROSS BC SVC
Sottens
RED CROSS BC SVC
Sottens
SWISS RADIO INTL
Schwarzenburg
SWISS RADIO INTL
Schwarzenburg
SWISS RADIO INTL
Sottens
Irr:M/Th:150kW::SEA/ANZ
Irr:M/Th:150kW::SAS/SEA
Irr:M/Th:500kW::ME/EAF
Irr:M/Th:500kW:FRENCH,ENGLISH:ME/EAF
150kW::SEA/ANZ
150kW::SAS/SEA
500kW::ME/EAF
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::EAS
USA
+KVOH-VOICE OF HOPE
Rancho Simi, Ca
VOICE OF AMERICA
Greenville, NC
Irr::50kW:PROPOSED:CA
Su:50kW:1ST SUNDAY:LA
USSR
RADIO MOSCOW/RP&P
SAS
17835
PORTUGAL
RFE-RL
Lisbon-Gloria
100/250kW::EEU
USSR
RADIO MOSCOW/RP&P
Chita
RADIO MOSCOW/RP&P
Vinnitsa
RADIO MOSCOW/RP&P
Vinnitsa
500kW:WS:SEA
240kW::SAS/SEA
240kW:WS:SAS/SEA
17840
CZECHOSLOVAKIA
RADIO PRAGUE
Pieštány-Velké K'y
RADIO PRAGUE
Pieštány-Velké K'y
RADIO PRAGUE
Pieštány-Velké K'y
250kW::SEA/ANZ
250kW::AF
Sa/Su:250kW::SEA/ANZ
NORWAY
RADIO NORWAY INTL
Fredrikstad
RADIO NORWAY INTL
Fredrikstad
RADIO NORWAY INTL
Fredrikstad
RADIO NORWAY INTL
Fredrikstad
(con'd)
M+Sa:350kW::ME
Su:350kW::ME
Tu-Su:350kW::ME
M:350kW:SPANISH, ETC:ME
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

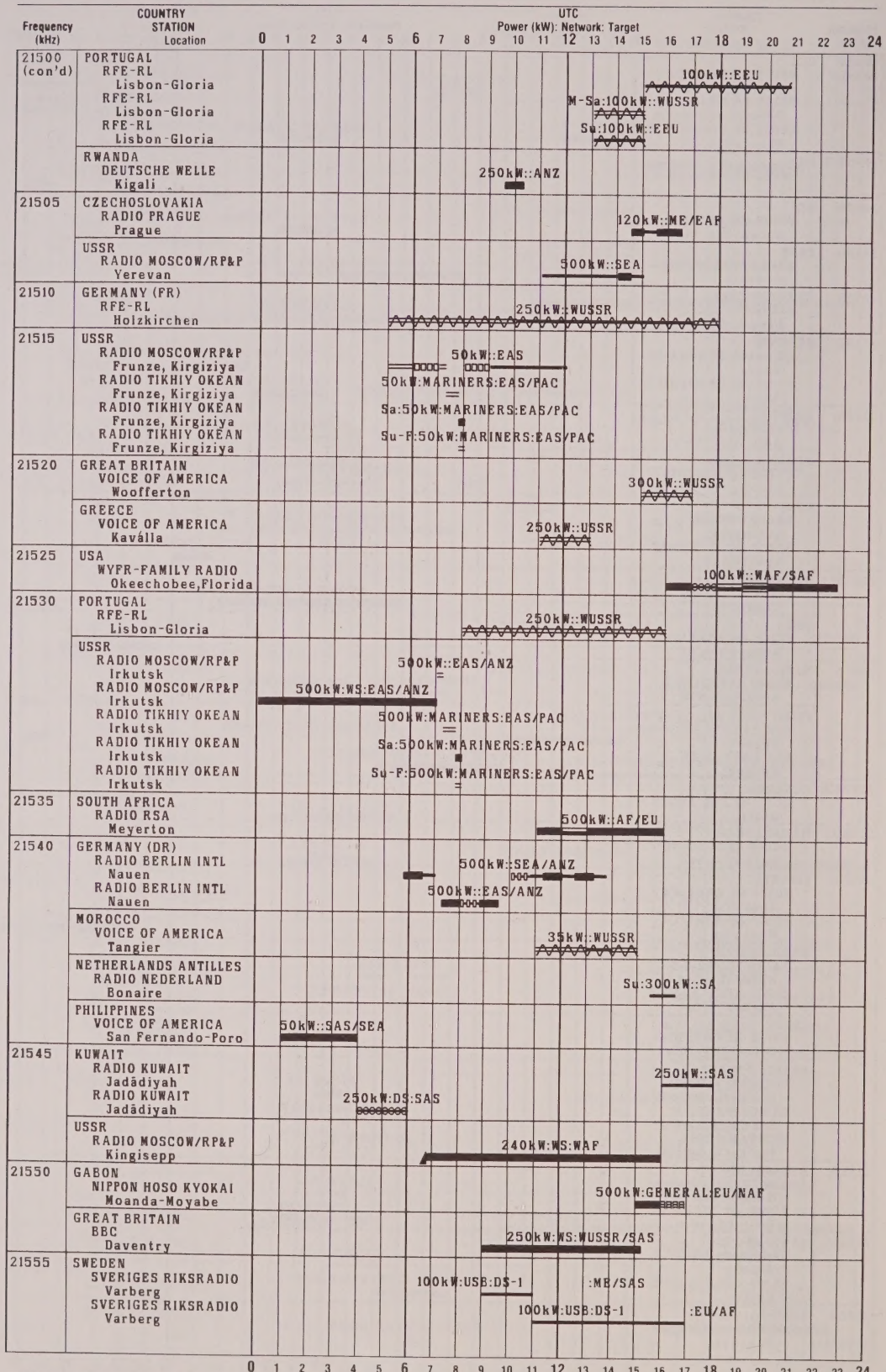

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17840 (con'd)
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::AF
SWEDEN
RADIO SWEDEN INTL
Varberg
100kW USB:
:FAC
USSR
RADIO MOSCOW/RP&P
Zhigulevsk
250kW::EU/ATL
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::EAF/ME
VATICAN RADIO
Sta Maria Galeria
100kW::AF
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW::EAF/ME
VATICAN RADIO
Sta Maria Galeria
Su:100kW::EU/WUSSR
VATICAN RADIO
Sta Maria Galeria
Su:100kW::AF
17845
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::EAF/SAF
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::EEU/ME
DEUTSCHE WELLE
Jülich
100kW::ENA/CA
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::AS/ANZ
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
SPAIN
R EXTERIOR ESPANA
Noblejas
Su:350kW::SA
SWEDEN
RADIO SWEDEN INTL
Karlsborg
350kW::SAS
USA
VOICE FREE CHINA
Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::SA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::EU
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::SAS
VATICAN RADIO
Sta Maria Galeria
M-Sa:100kW::SAS
VATICAN RADIO
Sta Maria Galeria
Su:100kW::SAS
17850
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::AF
RADIO FRANCE INTL
Issoudun-Allouis
Su:500kW::AF
RADIO FRANCE INTL
Issoudun-Allouis
M-Sa:500kW:MEDIAS FRANCE:AF
KUWAIT
RADIO KUWAIT
Jadâdiyah
250kW:DS:CAF
NORWAY
RADIO NORWAY INTL
Kvitsøy
M-Sa:500kW::WAF
RADIO NORWAY INTL
Kvitsøy
Su:500kW::WAF
RADIO NORWAY INTL
Kvitsøy
Tu-Su:500kW::WAF
RADIO NORWAY INTL
Kvitsøy
M:500kW:SPANISH,ETC:WAF
SRI LANKA
SRI LANKA BC CORP
Colombo
35kW::SEA
USSR
RADIO MOSCOW/RP&P
Khabarovsk
120kW:WS:ANZ
RADIO MOSCOW/RP&P
Moscow
100kW::ME/EAF
RADIO MOSCOW/RP&P
Moscow
100kW::AF
RADIO MOSCOW/RP&P
Moscow
100kW:WS:ME/EAF
17855 (con'd)
GREAT BRITAIN
BBC
Holywell-Rampisham
Su:500kW::WUSSR
BBC
Skelton, Cumbria
250kW::EEU
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

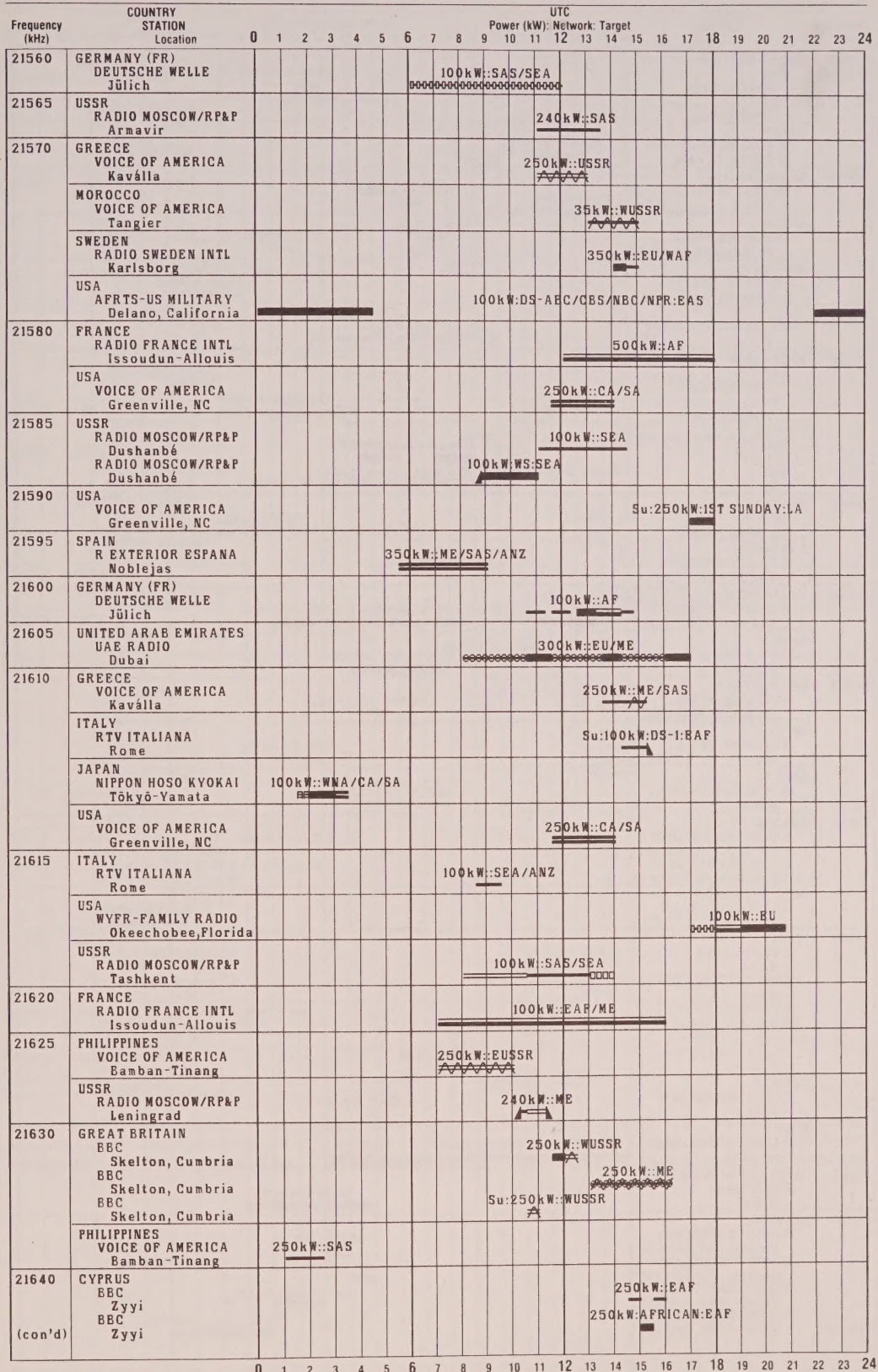

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17855 (con'd)
GREAT BRITAIN
BBC
Skelton, Cumbria
Su:250kW::EEU
VOICE OF AMERICA
Woofferton
300kW::WUSSR
INDIA
ALL INDIA RADIO
Aligarh
250kW::SEA
MOROCCO
VOICE OF AMERICA
Tangier
100/35kW::EEU/WUSSR
17860
BRAZIL
RADIO NACIONAL
Brasília
250kW::EU
RADIO NACIONAL
Brasília
M-F:250kW::EU
FRENCH GUIANA
RADIO FRANCE INTL
Montsinéry
500kW::CA
RADIO FRANCE INTL
Montsinéry
500kW:AMERICAIN:CA
LIBERIA
UNITED NATIONS R
Monrovia
Sa:250kW::SAF
VOICE OF AMERICA
Monrovia
250kW::CAF/EAF
NETHERLANDS ANTILLES
RADIO NEDERLAND
Bonaire
Su:300kW::SA
RWANDA
DEUTSCHE WELLE
Kigali
250kW::WAF/CA
TURKEY
TURKISH RTV CORP
Ankara
Sa-Th:250kW::EAS
USSR
RADIO MOSCOW/RP&P
Chita
500kW:WS:SEA
RADIO MOSCOW/RP&P
Chita
500kW::SEA
RADIO MOSCOW/RP&P
L'vov
500kW:WS:ME
RADIO MOSCOW/RP&P
Leningrad
100kW::WAF
17864.4
COLOMBIA
LA VOZ CENTAUROS
Villavicencio
SPR:DS/3X5954.8KHZ
17865
GREECE
VOICE OF AMERICA
Kaválla
250kW::WUSSR/ME
PHILIPPINES
VOICE OF AMERICA
San Fernando-Poro
100kW::EUSSR
POLAND
RADIO POLONIA
Warsaw
100kW::WAF/ATL
SPAIN
RFE-RL
Pals
50kW::EEU
USA
VOICE OF AMERICA
Greenville, NC
Su:500kW:1ST SUNDAY:1A
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
500kW::EAS
VATICAN RADIO
Sta Maria Galeria
500kW::SEA/ANZ
VATICAN RADIO
Sta Maria Galeria
500kW::SA
VATICAN RADIO
Sta Maria Galeria
500kW::CA
VATICAN RADIO
Sta Maria Galeria
M-Sa:500kW::SEA/ANZ
VATICAN RADIO
Sta Maria Galeria
Su:500kW::EAS
17869v
COLOMBIA
RADIO NACIONAL
Bogotá
Alternative Frequency to 17714vkHz
17870
KUWAIT
RADIO KUWAIT
Jadâdiyah
Alt 17885kHz:250kW:DS:EU
LIBERIA
VOICE OF AMERICA
Monrovia
250kW::AF
USSR
RADIO MOSCOW/RP&P
Chita
(con'd)
500kW::EAS/SEA
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE

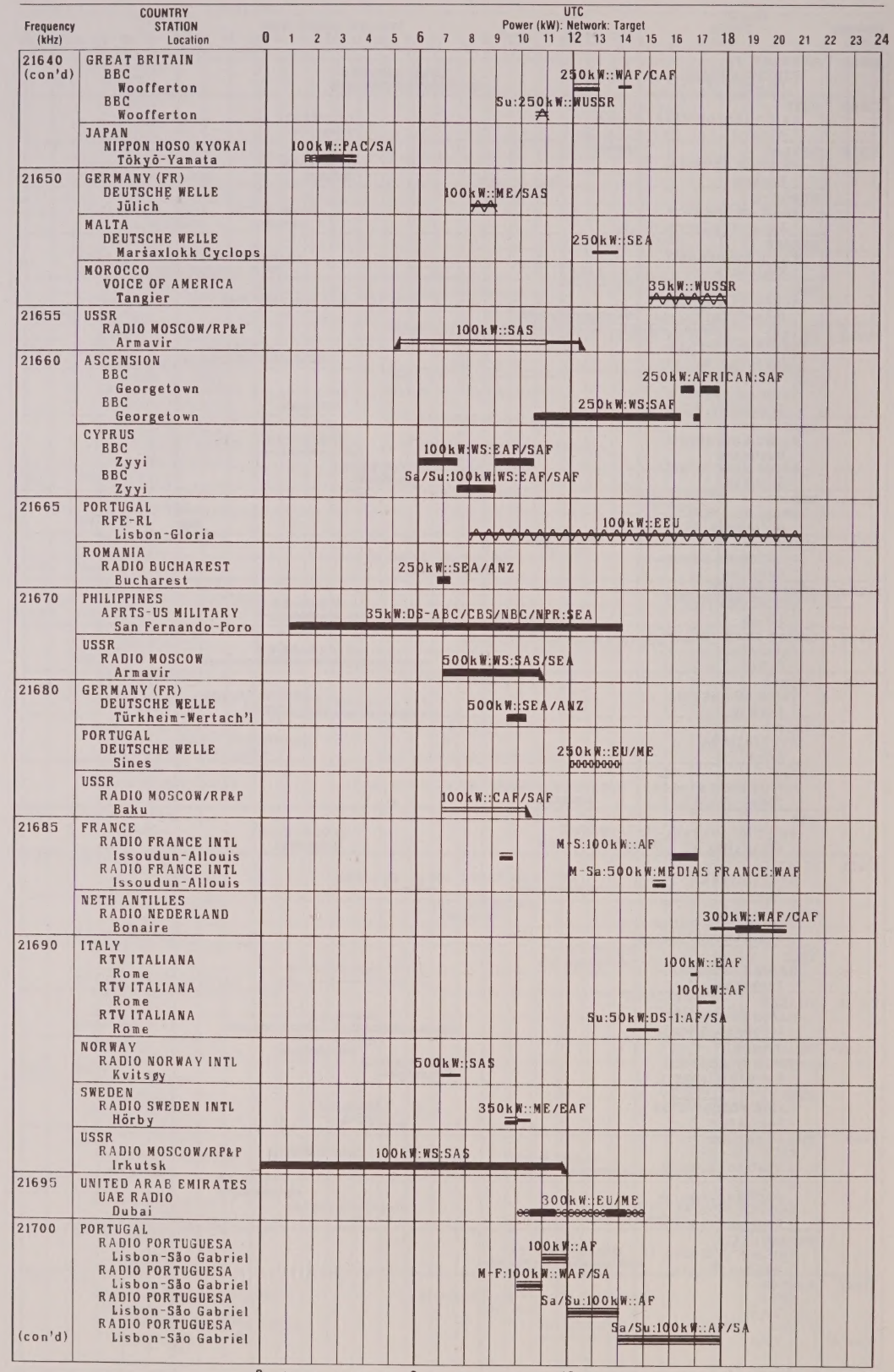

Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17870 (con'd)
USSR
RADIO TIKHIY OKEAN
Chita
500kW:MARINERS:EAS/SEA
RADIO TIKHIY OKEAN
Chita
Sa:500kW:MARINERS:EAS/SEA
RADIO TIKHIY OKEAN
Chita
Su-F:500kW:MARINERS:EAS/SEA
17875
BRAZIL
RADIO MEC
Rio de Janeiro
Irr::7.5kW:DS
CANADA
RADIO CANADA INTL
Sackville, NB
250kW::EU
RADIO CANADA INTL
Sackville, NB
M-F:250kW::EU
RADIO CANADA INTL
Sackville, NB
Sa/Su:250kW::EU
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
M-Sa:500kW:MEDIAS FRANCE:AF
GERMANY (DR)
RADIO BERLIN INTL
Königswusterhausen
50kW::ME/EAF
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::ME/SAS
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::WUSSR
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::SEA
INDIA
ALL INDIA RADIO
Aligarh
250kW::ANZ
NORTHERN MARIANA IS
FAR EAST BC ASS'N
Saipan Island
100kW::SAS
SEYCHELLES
FAR EAST BC ASS'N
North Pt, Mahé Is
80kW::ME/EAF
FAR EAST BC ASS'N
North Pt, Mahé Is
Su/Th/F:80kW::ME/EAF
USSR
RADIO MOSCOW/RP&P
Vinnitsa
100kW:WS:EU
17880
ASCENSION
BBC
Georgetown
250kW:AFRICAN:SAF
BBC
Georgetown
250kW:WS:SAF
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
M-F:100kW::AF
SINGAPORE
BBC
Kranji
100kW:WS:EAS
USSR
RADIO MOSCOW/RP&P
Tula
100kW::ME/SAS
RADIO MOSCOW/RP&P
Tula
100kW:WS:ME/SAS
17885
ASCENSION
BBC
Georgetown
250kW:WS:SAF
BRAZIL
VOICE OF AMERICA
Brasília
250kW::SA
CUBA
RADIO HABANA
Havana
100kW::EU/ME
CYPRUS
BBC
Zyyi
250kW:WS:EAF
BBC
Zyyi
Sa/Su:250kW:WS:EAF
KUWAIT
RADIO KUWAIT
Jadādiyah
Alternative Frequency to 17870kHz
SPAIN
RFE-RL
Pals
250kW::WUSSR
TURKEY
TURKISH RTV CORP
Ankara
250kW::ME/SAS
USSR
RADIO MOSCOW/RP&P
Irkutsk
(con'd)
240kW::EAS
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/
RUSSIAN/РУССКИЙ
CHINESE/
JAPANESE/
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE

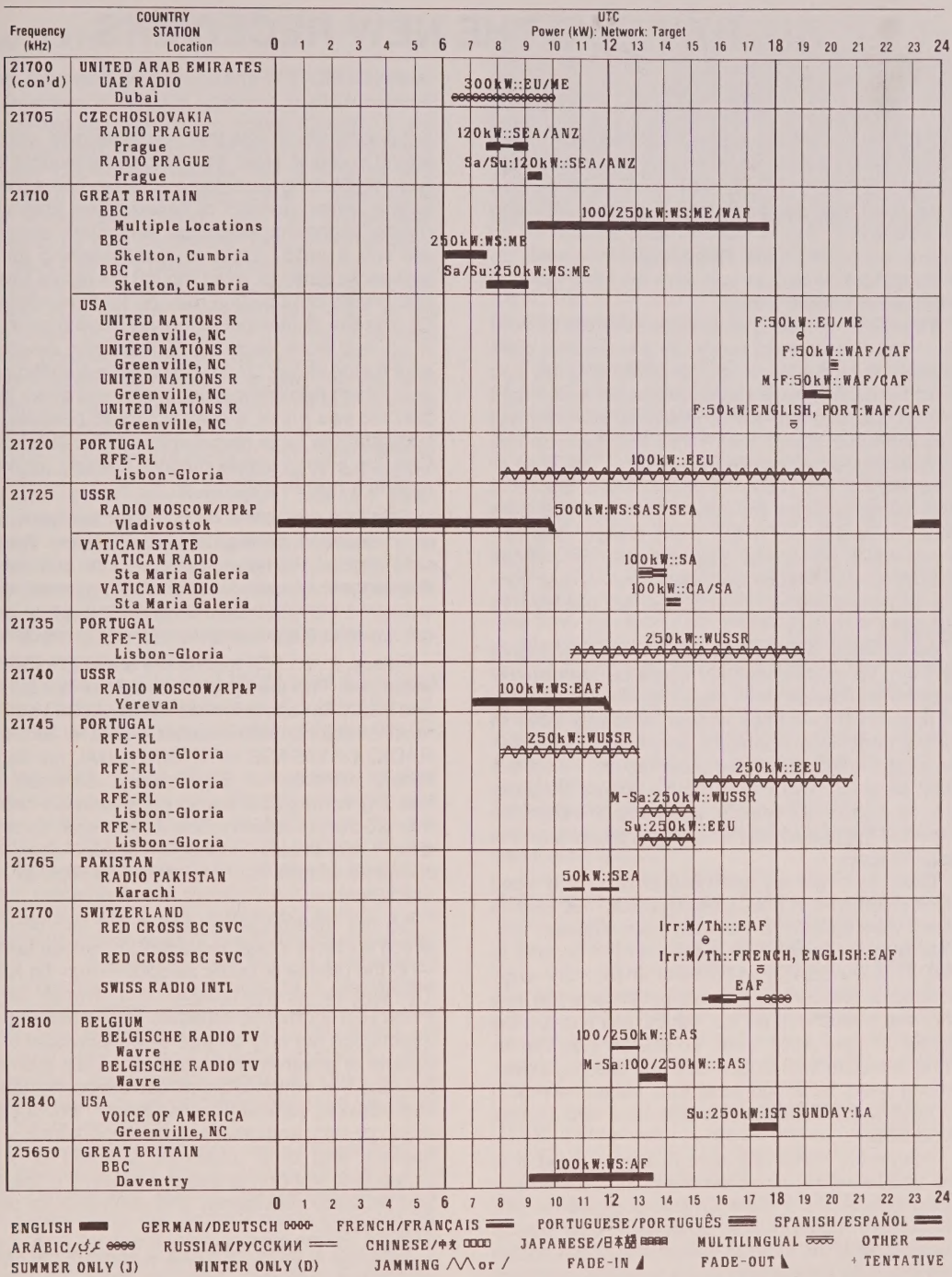

Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
17885 (con'd)
USSR
RADIO MOSCOW/RP&P
Tbilisi
240kW:WS:AF
17890
ECUADOR
HCJB-VO THE ANDES
Quito
100kW::NA/CA
HCJB-VO THE ANDES
Quito
100kW::SA
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::EAF/ME
USSR
RADIO MOSCOW/RP&P
Armavir
100kW::ME/SAS
17895
LIBYA
RADIO JAMAHIRIYA
Tripoli
500kW:DS/ES:NAF/ME/SAS
PORTUGAL
RFE-RL
Lisbon-Gloria
50kW::WUSSR
SPAIN
RFE-RL
Pals
250/500kW::WUSSR
RFE-RL
Pals
100/250kW::WUSSR
17897.5
CUBA
RADIO HABANA
Havana
Irr::SPR
18080
GREAT BRITAIN
BBC
AS
BBC
EAF
BBC
ME
BBC
AFRICAN:EAF
18137.5
VOICE OF AMERICA
Delano
40kW:ISU:(FEEDER):SEA
USA
VOICE OF AMERICA
Delano
40kW:ISL:(FEEDER):SEA
18195
USSR
RADIO MOSCOW
Moscow
20kW:USB:MARINERS(FEEDER)
18215
USA
VOICE OF AMERICA
Greenville, NC
Alt 10381vkHz:50kW:LSB:(FEEDER):EU
18420
CUBA
RADIO HABANA
Havana
SPR:3X6140KHZ
18525
ANTIGUA
BBC
St John's
SPR:WS/3X6175KHZ
18607.5
USA
VOICE OF AMERICA
Greenville, NC
Tu/F:50kW:LSB:(FEEDER)
18785
USA
UNITED NATIONS R
Geenville, NC
F:50kW:LSB:(FEEDER):NAF
UNITED NATIONS R
Geenville, NC
F:50kW:LSB:ENGLISH, PORT(FEEDER)
UNITED NATIONS R
Greenville, NC
F:50kW:LSB:(FEEDER)
UNITED NATIONS R
Greenville, NC
M-F:50kW:LSB:(FEEDER)
UNITED NATIONS R
Greenville, NC
M-F:50kW:LSB:(FEEDER):NAF
18960v
ALBANIA
RADIO TIRANA
Krujë
SPR:2X9480KHZ
19261.5
USA
VOICE OF AMERICA
ISL:(FEEDER)
VOICE OF AMERICA
ISU:(FEEDER)
19469
PARAGUAY
RADIO NACIONAL
Capiatá
SPR:DS/2X9734.5KHZ
RADIO NACIONAL
Capiatá
Irr:Su::SPR:DS/2X9734.5KHZ
19480
USA
VOICE OF AMERICA
ISU:(FEEDER):WAF
VOICE OF AMERICA
ISL:(FEEDER):WAF
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
19480 (con'd)
USA
VOICE OF AMERICA Delano, California
50kW:ISU:(FEEDER):SEA
VOICE OF AMERICA Delano, California
50kW:ISL:(FEEDER):SEA
VOICE OF AMERICA Greenville, NC
50kW:LSB:(FEEDER)
19507.5
USA
VOICE OF AMERICA
LSB:(FEEDER):WAF
20126
USA
VOICE OF AMERICA Greenville, NC
50kW:LSB:(FEEDER)
21450
USSR
RADIO MOSCOW/RP&P Armavir
100kW:WS:EAF/SAF
21455
GERMANY (FR)
RFE-RL Lampertheim
100kW::WUSSR
21460
BELGIUM
RT BELGE FRANCAISE Wavre
250kW::AF
RT BELGE FRANCAISE Wavre
Su:250kW::AF
21465
EGYPT
RADIO CAIRO Kafr Silim-Abis
250kW::SEA
GERMANY (DR)
RADIO BERLIN INTL Leipzig
100kW::SAS/SEA
USSR
RADIO MOSCOW Leningrad
100kW:MARINERS:WAF/ATL
RADIO MOSCOW/RP&P LENINGRAD
100kW:AFRICAN:WAF
21470
GREAT BRITAIN
BBC Daventry
250kW:WS:NAF/EAF
USA
VOICE OF AMERICA Greenville, NC
250kW::AF
21475
MADAGASCAR
RADIO NEDERLAND Antananarivo
300kW::EAF/ME
PHILIPPINES
FAR EAST BC CO Bocaue
10kW:TEMF INACTIVE:ANZ
FAR EAST BC CO Bocaue
10kW:TEMF INACTIVE:SAS/SEA
21477.5
ECUADOR
HCJB-VO THE ANDES Quito
100kW::EU
21480
MADAGASCAR
RADIO NEDERLAND Antananarivo
300kW::SEA
21485
LIBERIA
VOICE OF AMERICA Monrovia
250kW::EAF/SAF
VOICE OF AMERICA Monrovia
50kW::WAF
MADAGASCAR
RADIO NEDERLAND Antananarivo
300kW::SEA
RADIO NEDERLAND Antananarivo
300kW::EAF/ME/SEA
USA
VOICE OF AMERICA Greenville, NC
250kW::AF
VATICAN STATE
VATICAN RADIO Sta Maria Galeria
100kW::AF
VATICAN RADIO Sta Maria Galeria
M-Sa:100kW::AF
VATICAN RADIO Sta Maria Galeria
Su:100kW::AF
21490
ASCENSION
BBC Georgetown
250kW::SA
VOICE OF AMERICA Georgetown
250kW::SA
21495
SAUDI ARABIA
BS OF THE KINGDOM Riyadh
350kW::SEA
BS OF THE KINGDOM Riyadh
350kW:DS-KORAN:SAS/SEA
21500 (con'd)
LIBERIA
VOICE OF AMERICA Monrovia
M-F:250kW:FEED/ENG,FR,ETC:AF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
21500 (con'd)
PORTUGAL RFE-RL Lisbon-Gloria
100kW::EEU
RFE-RL Lisbon-Gloria
M-Sa:100kW::WUSSR
RFE-RL Lisbon-Gloria
Su:100kW::EEU
RWANDA DEUTSCHE WELLE Kigali
250kW::ANZ
21505
CZECHOSLOVAKIA RADIO PRAGUE Prague
120kW::ME/EAF
USSR RADIO MOSCOW/RP&P Yerevan
500kW::SEA
21510
GERMANY (FR) RFE-RL Holzkirchen
250kW::WUSSR
21515
USSR RADIO MOSCOW/RP&P Frunze, Kirgiziya
50kW::EAS
RADIO TIKHIY OKEAN Frunze, Kirgiziya
50kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Frunze, Kirgiziya
Sa:50kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Frunze, Kirgiziya
Su-F:50kW:MARINERS:EAS/PAC
21520
GREAT BRITAIN VOICE OF AMERICA Woofferton
300kW::WUSSR
GREECE VOICE OF AMERICA Kaválla
250kW::USSR
21525
USA WYFR-FAMILY RADIO Okeechobee,Florida
100kW::WAF/SAF
21530
PORTUGAL RFE-RL Lisbon-Gloria
250kW::WUSSR
USSR RADIO MOSCOW/RP&P Irkutsk
500kW::EAS/ANZ
RADIO MOSCOW/RP&P Irkutsk
500kW:WS:EAS/ANZ
RADIO TIKHIY OKEAN Irkutsk
500kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Irkutsk
Sa:500kW:MARINERS:EAS/PAC
RADIO TIKHIY OKEAN Irkutsk
Su-F:500kW:MARINERS:EAS/PAC
21535
SOUTH AFRICA RADIO RSA Meyerton
500kW::AF/EU
21540
GERMANY (DR) RADIO BERLIN INTL Nauen
500kW::SEA/ANZ
RADIO BERLIN INTL Nauen
500kW::EAS/ANZ
MOROCCO VOICE OF AMERICA Tangier
35kW::WUSSR
NETHERLANDS ANTILLES RADIO NEDERLAND Bonaire
Su:300kW::SA
PHILIPPINES VOICE OF AMERICA San Fernando-Poro
50kW::SAS/SEA
21545
KUWAIT RADIO KUWAIT Jadâdiyah
250kW::SAS
RADIO KUWAIT Jadâdiyah
250kW:DS:SAS
USSR RADIO MOSCOW/RP&P Kingisepp
240kW:WS:WAF
21550
GABON NIPPON HOSO KYOKAI Moanda-Moyabe
500kW:GENERAL:EU/NAF
GREAT BRITAIN BBC Daventry
250kW:WS:WUSSR/SAS
21555
SWEDEN SVERIGES RIKSRADIO Varberg
100kW:USB:DS-1
:ME/SAS
SVERIGES RIKSRADIO Varberg
100kW:USB:DS-1
:EU/AF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY STATION Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
21560
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::SAS/SEA
21565
USSR
RADIO MOSCOW/RP&P
Armavir
240kW::SAS
21570
GREECE
VOICE OF AMERICA
Kaválla
250kW::USSR
MOROCCO
VOICE OF AMERICA
Tangier
35kW::WUSSR
SWEDEN
RADIO SWEDEN INTL
Karlsborg
350kW::EU/WAF
USA
AFRTS-US MILITARY
Delano, California
100kW:DS-ABC/CBS/NBC/NPR:EAS
21580
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
500kW::AF
USA
VOICE OF AMERICA
Greenville, NC
250kW::CA/SA
21585
USSR
RADIO MOSCOW/RP&P
Dushanbé
100kW::SEA
RADIO MOSCOW/RP&P
Dushanbé
100kW:WS:SEA
21590
USA
VOICE OF AMERICA
Greenville, NC
Su:250kW:1ST SUNDAY:LA
21595
SPAIN
R EXTERIOR ESPANA
Noblejas
350kW::ME/SAS/ANZ
21600
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::AF
21605
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::EU/ME
21610
GREECE
VOICE OF AMERICA
Kaválla
250kW::ME/SAS
ITALY
RTV ITALIANA
Rome
Su:100kW:DS-1:EAF
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::WNA/CA/SA
USA
VOICE OF AMERICA
Greenville, NC
250kW::CA/SA
21615
ITALY
RTV ITALIANA
Rome
100kW::SEA/ANZ
USA
WYFR-FAMILY RADIO
Okeechobee,Florida
100kW::EU
USSR
RADIO MOSCOW/RP&P
Tashkent
100kW::SAS/SEA
21620
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
100kW::EAF/ME
21625
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::EUSSR
USSR
RADIO MOSCOW/RP&P
Leningrad
240kW::ME
21630
GREAT BRITAIN
BBC
Skelton, Cumbria
250kW::WUSSR
BBC
Skelton, Cumbria
250kW::ME
BBC
Skelton, Cumbria
Su:250kW::WUSSR
PHILIPPINES
VOICE OF AMERICA
Bamban-Tinang
250kW::SAS
21640 (con'd)
CYPRUS
BBC
Zyyi
250kW::EAF
BBC
Zyyi
250kW:AFRICAN:EAF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING or /
FADE-IN
FADE-OUT
+ TENTATIVE


Frequency (kHz)
COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
21640 (con'd)
GREAT BRITAIN
BBC
Woofferton
250kW::WAF/CAF
BBC
Woofferton
Su:250kW::WUSSR
JAPAN
NIPPON HOSO KYOKAI
Tōkyō-Yamata
100kW::PAC/SA
21650
GERMANY (FR)
DEUTSCHE WELLE
Jülich
100kW::ME/SAS
MALTA
DEUTSCHE WELLE
Maršaxlokk Cyclops
250kW::SEA
MOROCCO
VOICE OF AMERICA
Tangier
35kW::WUSSR
21655
USSR
RADIO MOSCOW/RP&P
Armavir
100kW::SAS
21660
ASCENSION
BBC
Georgetown
250kW:AFRICAN:SAF
BBC
Georgetown
250kW:WS:SAF
CYPRUS
BBC
Zyyi
100kW:WS:EAF/SAF
BBC
Zyyi
Sa/Su:100kW:WS:EAF/SAF
21665
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::EEU
ROMANIA
RADIO BUCHAREST
Bucharest
250kW::SEA/ANZ
21670
PHILIPPINES
AFRTS-US MILITARY
San Fernando-Poro
35kW:DS-ABC/CBS/NBC/NPR:SEA
USSR
RADIO MOSCOW
Armavir
500kW:WS:SAS/SEA
21680
GERMANY (FR)
DEUTSCHE WELLE
Türkheim-Wertach'l
500kW::SEA/ANZ
PORTUGAL
DEUTSCHE WELLE
Sines
250kW::EU/ME
USSR
RADIO MOSCOW/RP&P
Baku
100kW::CAF/SAF
21685
FRANCE
RADIO FRANCE INTL
Issoudun-Allouis
M-S:100kW::AF
RADIO FRANCE INTL
Issoudun-Allouis
M-Sa:500kW:MEDIAS FRANCE:WAF
NETH ANTILLES
RADIO NEDERLAND
Bonaire
300kW::WAF/CAF
21690
ITALY
RTV ITALIANA
Rome
100kW::EAF
RTV ITALIANA
Rome
100kW::AF
RTV ITALIANA
Rome
Su:50kW:DS-1:AF/SA
NORWAY
RADIO NORWAY INTL
Kvitsøy
500kW::SAS
SWEDEN
RADIO SWEDEN INTL
Hörby
350kW::ME/EAF
USSR
RADIO MOSCOW/RP&P
Irkutsk
100kW:WS:SAS
21695
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::EU/ME
21700
PORTUGAL
RADIO PORTUGUESA
Lisbon-São Gabriel
100kW::AF
RADIO PORTUGUESA
Lisbon-São Gabriel
M-F:100kW::WAF/SA
RADIO PORTUGUESA
Lisbon-São Gabriel
Sa/Su:100kW::AF
RADIO PORTUGUESA
Lisbon-São Gabriel
Sa/Su:100kW::AF/SA
(con'd)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE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COUNTRY
STATION
Location
UTC
Power (kW): Network: Target
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
21700 (con'd)
UNITED ARAB EMIRATES
UAE RADIO
Dubai
300kW::EU/ME
21705
CZECHOSLOVAKIA
RADIO PRAGUE
Prague
120kW::SEA/ANZ
RADIO PRAGUE
Prague
Sa/Su:120kW::SEA/ANZ
21710
GREAT BRITAIN
BBC
Multiple Locations
100/250kW:WS:ME/WAF
BBC
Skelton, Cumbria
250kW:WS:ME
BBC
Skelton, Cumbria
Sa/Su:250kW:WS:ME
USA
UNITED NATIONS R
Greenville, NC
F:50kW::EU/ME
UNITED NATIONS R
Greenville, NC
F:50kW::WAF/CAF
UNITED NATIONS R
Greenville, NC
M-F:50kW::WAF/CAF
UNITED NATIONS R
Greenville, NC
F:50kW:ENGLISH, PORT:WAF/CAF
21720
PORTUGAL
RFE-RL
Lisbon-Gloria
100kW::EEU
21725
USSR
RADIO MOSCOW/RP&P
Vladivostok
500kW:WS:SAS/SEA
VATICAN STATE
VATICAN RADIO
Sta Maria Galeria
100kW::SA
VATICAN RADIO
Sta Maria Galeria
100kW::CA/SA
21735
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
21740
USSR
RADIO MOSCOW/RP&P
Yerevan
100kW:WS:EAF
21745
PORTUGAL
RFE-RL
Lisbon-Gloria
250kW::WUSSR
RFE-RL
Lisbon-Gloria
250kW::EEU
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Lisbon-Gloria
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Lisbon-Gloria
Su:250kW::EEU
21765
PAKISTAN
RADIO PAKISTAN
Karachi
50kW::SEA
21770
SWITZERLAND
RED CROSS BC SVC
Irr:M/Th:::EAF
RED CROSS BC SVC
Irr:M/Th::FRENCH, ENGLISH:EAF
SWISS RADIO INTL
EAF
21810
BELGIUM
BELGISCHE RADIO TV
Wavre
100/250kW::EAS
BELGISCHE RADIO TV
Wavre
M-Sa:100/250kW::EAS
21840
USA
VOICE OF AMERICA
Greenville, NC
Su:250kW:1ST SUNDAY:LA
25650
GREAT BRITAIN
BBC
Daventry
100kW:WS:AF
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ENGLISH
GERMAN/DEUTSCH
FRENCH/FRANÇAIS
PORTUGUESE/PORTUGUÊS
SPANISH/ESPAÑOL
ARABIC/عربي
RUSSIAN/РУССКИЙ
CHINESE/中文
JAPANESE/日本語
MULTILINGUAL
OTHER
SUMMER ONLY (J)
WINTER ONLY (D)
JAMMING
FADE-IN
FADE-OUT
+ TENTATIVE

RDI REVIEWS THE NEW RECEIVERS

Whether you are a newcomer to shortwave listening, choosing your first receiver, or are a seasoned listener planning to upgrade your present radio equipment, you face an important decision. It is akin to selecting a quality stereo music system — no easier because of the technologies involved, no more difficult so long as you have the information to make an intelligent choice.

You will be investing a significant amount of money — the equivalent of hundreds and possibly even thousands of dollars — in your listening gear. You want the confidence that your choice will be the right one for you; that the receiver you purchase will meet your individual needs and wants; and that it will do so now and for as long as you own it.

Ultimately, the choice is yours. And a choice is necessary, as there are quite a few receivers from which to select. There are many design considerations which go into the engineering of the various radios. Some of those considerations — cost control and performance optimization, for example — compete.

Accordingly, there is no one "ideal" shortwave receiver, as such a receiver would be prohibitively expensive. Instead, each model represents a series of design compromises in such areas as ease of tuning, flexibility of operation, portability, audio quality, signal selectability and other factors — not the least of which is the selling price. When choosing among competing models, you have to weigh the import of these tradeoffs on your particular listening requirements.

Thus, to make an intelligent choice, you need information that not only is accurate, but also is adequately specific to address your requirements. That is the purpose of these equipment reports in RADIO DATABBASE INTERNATIONAL. Our engineering laboratory has checked out in detail the new shortwave receivers on the market and has run the gamut of electronics tests. To ensure that the reports correlate with actual listening results, experienced users have rigorously field tested each item of equipment under both worst-case and normal conditions.

Included in these RDI reports are the newest of the shortwave receivers on the market today. Detailed results of our laboratory tests appear in supplementary tables. Taken together, these provide both a look at the state-of-the-art in receiver design and practical information about the wide variety of models from which you can choose.

Before reading the following reviews, you may wish to take time out, particularly if you're planning to buy your first receiver, to consider just what you want from your shortwave set. Then, with those parameters, you'll find it easier to make your final choice.

Some things to consider: first and foremost, price. It may be intriguing to consider a "dream" receiver, but practicality insists that you determine what you intend to spend. Next, try giving some thought to the type of listening you plan to do. Do you expect to tune a limited number of strong-signal stations for regular programs which you particularly enjoy? Or are you a radio "explorer" bandscanning for new and exotic stations, even though the signal strength and quality of reception may be far from optimum? Do you like to manipulate arrays of controls to zero in on and peak each signal manually, developing your tuning skills? Or do you prefer automatic tuning aids which microprocessor chips now make possible? Do you prefer a compact travel portable, or a less-portable table model with additional features? Can you erect a simple outdoor antenna, or do you require a built-in antenna on the set?

Since no receiver is optimum for everyone or for every situation, none gets a "rave" review. We point out the good, the not-so-good, and the outright bad. We suggest aspects to which you may want to give a second thought before buying. And, when practical, we offer suggestions for correcting deficiencies.

Finally, these RDI reports are solely to inform and serve you. The unvarnished results of our lab tests and hands-on operation are conveyed to you in the most straightforward manner possible, as neither RADIO DATABASE INTERNATIONAL nor its publisher, International Broadcasting Services, Ltd., has any commercial ties to the shortwave receiver manufacturing industry. We do not exist to sell radios — only books — nor do we accept "consulting" contracts and the like from shortwave receiver manufacturers.

So our mission is simple: to put into print that which we have found, regardless of whose feathers — in the private or public sectors — may be ruffled. This applies not only to equipment reviews, but also to the RDI shortwave schedule data, which includes information not only on that which individual broadcasters or governments may wish to see published, but also that which lacks official sanction: clandestine stations, jamming transmitters, "woodpecker" radar, pirates, and other *sub rosa* operations. . .plus feeders and other channels unlisted in official schedules. Not only is this our policy; it is the position we have maintained and defended for over a dozen years.

With that in mind, let's look at some of the newest shortwave receivers. Although these are listed in order of overall suitability for receiving shortwave broadcasts, keep in mind that your individual requirements may make a receiver down on the list more appropriate than another more highly ranked. A single dollar-pricing reference has been chosen to provide a practical international benchmark by which relative price differences can be judged, as both specific prices and model availability vary greatly from country to country.

EXCELLENT

ICOM IC-R71

The Japanese electronics firm of ICOM surprised and delighted shortwave listeners in 1982, when it brought out its pioneering model IC-R70, a set which featured many of the niceties of a professional-quality monitoring receiver, but at a price well under $800 in the U.S. It was hailed — quite rightly — as a real breakthrough, and was immediately embraced by avid shortwave buffs. In some quarters, the ICOM very nearly became an icon.

Unlike most Japanese-made shortwave receivers, the 'R70 put the operator firmly back in the driver's seat. It had a multiplicity of tuning knobs and manual controls to delight the skilled and experienced listener who relishes the idea of being able to peak and tweak the set to coax out the very last erg of performance.

Unfortunately, to the listener more interested in quick and easy tuning of international broadcasters' programs with a minimum of dialing fuss, this "plus" was a definite minus. The 'R70 was considered complex to operate and its controls — conjuring up images of a 747's cockpit — tended to intimidate some (although 'R70 enthusiasts often warmed to the challenge). On top of that, the 'R70 had more than its share of quality control problems and unpleasant operating quirks.

The message got back to ICOM executives, who set their engineers to the task of improving the set. The result is ICOM's new successor model, the IC-R71.

In the 'R71, ICOM offers a shortwave receiver which is more user-friendly. But this has come with some compromise, and the manufacturer has disappointed some of the technically inclined aficinados of the predecessor model. That was inevitable, but still probably a wise decision from a sales standpoint. Additionally, and to everyone's benefit, some of the bothersome bugs of the 'R70 were corrected.

The 'R71 is easier to tune than its predecessor mainly because of the inclusion of a keypad/memory system which supplements, rather than supplants, the traditional tuning knob. This offers another and easier method of tuning in stations. With the keypad, the operator simply punches up the desired frequency on calculator-like keys for "spot-on" channel accuracy.

It is, however, necessary to enter the least significant frequency digit; that is, to the tenth of a kilohertz. To tune, say, 9500 kz, the numbers 9-5-0-0-0 (fortunately sans the decimal point) must be entered. And for mediumwave frequencies below 1 MHz, a leading zero must be included, as in 0-8-7-0-0 for 870 kHz.

Memory Aids

The bank of 32 programmable channel memories is a real boon to the listener who returns regularly to a series of stations for his favorite programs. Once those selected frequencies are entered into the 'R71's memory, calling them up requires a single button push to access the chosen station among them. This is the closest thing to one-touch TV-type channel selection available to the shortwave listener.

ICOM IC-R71 RECEIVER

The main tuning knob has three tuning rates — 10 Hz for slow, very precise work, plus two speeds via a variable-rate incremental tuning (VRIT) system that automatically switches from a 1 kHz rate to a faster 50 Hz rate when you turn the knob quickly. Also, a scanner is provided. Although both the VRIT and the scanner would appear to be useful features, in practice both are of marginal utility in the real world of tuning shortwave broadcasts.

The 'R71's quiet, double-loop-design frequency synthesizer is excellent, being quiet and essentially free from the annoying "birdie" pips of some other synthesized receivers. Its high stability and 10 Hz tuning increments make it practical for the more experienced operator to use the exalted carrier selectable sideband (ECSS) tuning technique if he wishes. ECSS is a bit complex and fussy to tune manually, but it can be effective in reducing both interference and distortion, although the 'R70's precise fine-tuning control (RIT) made ECSS a touch more successful than it is on the newer 'R71, which lacks such a control.

The audio quality of the 'R71 is mediocre, being both distorted and bassy. A US ICOM dealer, Electronic Equipment Bank (516 Mill Street, Vienna VA 22180) offers a detector replacement as part of a $35 audio-improvement package for the 'R71. Further improvement is brought about if you bypass the 'R71's audio stage and speaker altogether by connecting the radio's record jack (i.e., the detector output) to a tape recorder or other amplifier/speaker system of reasonably good quality.

(For more on improved shortwave fidelity via ECSS, please refer to the companion article in this RADIO DATABASE INTERNATIONAL.)

Selectivity is another area in which receiver design compromises are inevitable. A set with a relatively wide bandwidth potentially can offer greater audio fidelity. But in a crowded shortwave band that advantage often is lost to adjacent-channel interference. The best receivers allow the operator maximum flexibility in selecting the most suitable bandwidth.

The 'R71 has three voice bandwidths — 2.4 kHz (AM and ECSS/SSB "narrow"), 3.1 kHz (ECSS/SSB "wide") and 6.8 kHz (AM "wide") — each with excellent skirt selectivity. Still, the "wide" bandwidth is a bit wider and has less ultimate selectivity than does that of the 'R70. So a Canadian firm

(Shortwave Horizons, 6816 - 12 Ave., Edmonton AB T6K 3J6) offers North Americans a CAN$65 or US$55 modification (not tested by RDI) that incorporates in the 'R71 the high-quality FL-33 filter used in the 'R70. This filter is nominally 6 kHz, but measures 6.4 kHz on the 'R70. For $10, Shortwave Horizons also makes available "do-it-yourself" instructions (not tried by us) so technically-inclined types can attempt this and other modifications themselves. In Europe, electronic experimenter Jan van der Horst (Postbus 1184, NL-6801 BD Arnhem, Holland; enclose return postage) sometimes refers serious interested parties to sources of information on ICOM modifications.

Keep in mind that the 'R71 is not the easiest set to work on, even for seasoned technicians, and that unauthorized circuit alterations may invalidate the factory warranty. Too, electronic modifications can have untoward — even amusing — side effects. One innovative experimenter, having purchased a Swedish device to try to improve the selectivity and audio quality of his 'R70, found that the device's logic chips caused interference to his radio reception. The solution that worked best was to shield the entire business with an empty tin can of Del Monte pineapples.

ICOM has included what it calls a passband-tuning control on the 'R71. Actually it is a unique variable-bandwidth control that provides an unusual degree of bandwidth flexibility. The filters in this circuit perform work well for nearly all shortwave listening purposes. But for mediumwave DXing or other applications where deep skirt selectivity is required, the narrower filter can be replaced by ICOM's excellent optional FL-44 crystal-lattice filter ($169 in the US, but only CAN$125 or so in Canada). Alternatatively, for $95, installed, EEB will install an MF-455 mechanical filter as a replacement. It's almost as effective as the FL-44.

Eliminates "Whistle" Interference

The 'R71 receiver also includes a notch whistle filter, a reverse-peaking device intended to eliminate carriers on adjacent frequencies which cause annoying heterodyne howls and squeals. But the 'R71's notch is effectively nonfunctional in the AM mode. When used with single sideband/ECSS, though, it performs satisfactorily.

The 'R71 also has a noise blanker. Originally, blankers or limiters were intended largely to curb ignition noise in amateur radio mobile equipment used in autos. Today, they have to overcome a wider variety of types of interference.

One key target for a modern noise-reducing circuit is the interference from the over-the-horizon "pulser" or "woodpecker" radar system used by the USSR. A British firm, Datong Electronics Ltd. (Spence Mills, Mill Lane, Bramley, Leeds LS13 3HE, United Kingdom) has used state-of-the-art digital technology to produce its SRB2 Auto Woodpecker Blanker, a superb accessory which effectively attenuates this illegally operated radar interference pest.

The 'R71's noise blanker uses more conventional technology, yet it has no less than four operating controls — on/off, level, action time and width. Adjusting them carefully can produce a significant reduction of the Soviet "woodpecker" noise.

While the noise blanker is an improvement over the toothless versions found in some other receivers, its use degrades the 'R71's otherwise-excellent dynamic range, sometimes resulting in cross-modulation — an unpleasant mixing of signals up and down the band.

Another and more serious drawback is that when the 'R71's internal battery becomes exhausted, the "computer" software on random-access memory (RAM) is erased (just as it is on a home computer when it is turned off), causing the receiver to become inoperative. In order to work again, the set then has to be completely reprogrammed at an ICOM factory service facility. One can only hope that ICOM will be performing this service — or be replacing the RAM with read-only or bubble memory, neither of which needs battery power — in the years to come.

In other regards, the 'R71 normally covers frequencies from 0.1 to 30 MHz, with sets marketed in Australia and Central Europe having slightly different configurations. The automatic gain control, which keeps the volume at a relatively constant level despite fades, has appropriate response times. The preamplifier offers gain without significantly degrading dynamic range; the signal strength meter is good, with calibration in both "S" units and SIO reporting code values. Operating controls are logically laid out, but they are annoyingly tiny and tightly squeezed onto the front panel. Operation on 12V DC is available as a wired-in option. Also available as an option is a synthesized-voice frequency readout for blind listeners.

In the 'R71, ICOM has produced a complex receiver, innovative in a number of respects. Partly because of this, quality control has at times been a problem. In general, this focuses on "casual" factory alignment, which in practice shows up when a set appears to operate normally, but actually fails to bring in shortwave signals as well as it should. One solution is to have a dealer provide post-factory alignment (EEB offers this, along with an extended warranty, for $40).

In summary, ICOM (1-6-19, Kamikuratsukuri Hirano-ku, Osaka, Japan; or 2112 116th Ave., Bellevue, WA 98004 USA) has produced a fine shortwave set. It is not without shortcomings — happily, many of them correctable — but, at $799, the IC-R71 is still the best DX receiver under the price of the meticulously assembled, semi-professional Japan Radio NRD-515 and NRD-525.

GOOD

YAESU FRG-8800

With its new FRG-8800, Japan's Yaesu Musen Co. continues its tradition — started with the introduction of its venerable "Frog", the FRG-7 — of

YAESU FRG-8800 RECEIVER

producing just one shortwave receiver model at a time. The just-released '8800 features, as do some of its competitors, microprocessor-controlled circuitry to make operation easier, yet more sophisticated.

Frequencies are selected by either keypad entry or conventional tuning knob. The '8800 also has programmable channel memories and a scanner. Scanner circuitry, useful in a VHF monitoring set, is less successful in a shortwave receiver. Fading confuses the "stop" function. And the vagaries of propagation make any single channel choice chancy, since the scanner cannot differentiate among the signals it is acting upon. On a given night, the automatic tuning device might lock in on the BBC from England on 5975 kHz, yet the next evening might find Colombia's Radio Macarena covering the BBC on that same channel.

The scanner could be helpful to the listener wishing to listen regularly to the programs of such multifrequencied major broadcasters as the BBC. With a series of BBC World Service frequencies punched into the memory, the receiver will scan the selected channels until it finds a signal exceeding the threshold level for satisfactory listening. Unfortunately, if that signal should later fade out, the scanner will remain locked onto the then-empty frequency until manually commanded to continue scanning. Automatic resumption of the hunt for a more suitable frequency would have been a design plus.

Keypad tuning requires that the decimal point be entered between the Megahertz and kilohertz digits. While this is a slight complication when going from one MHz range to another, it actually simplifies matters when changing frequencies *within* a band, since only the kHz digits need be entered.

Dynamic range is fairly good — markedly better than most comparably priced receivers — though the '8800 is not as free from overloading as is the ICOM IC-R71. This favorable attribute has allowed Yaesu's designers to omit the usual step attenuator. A control labeled "ATT" actually is an IF gain control — something of a throwback to vacuum tube sets — which allows sensitivity to be adjusted exactly. It is a control with marginal usefulness, with a true attenuator or RF gain control being a more effective way of controlling such strong signal overloading as might occur. Audio quality generally is above average, though with a touch too much bass.

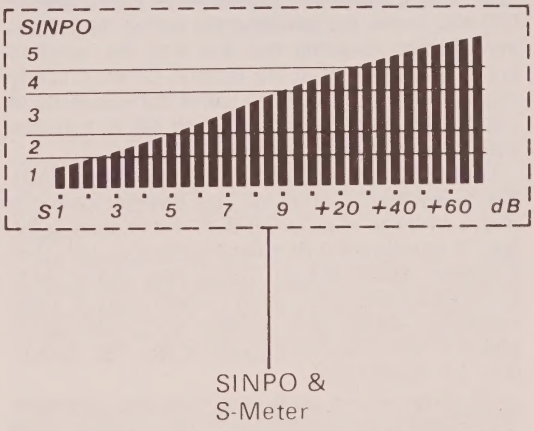
The single-sideband controls generally don't require retuning the frequency when going from upper to lower sideband — a convenience. Still, slight repeaking of the poorly marked fine-tuning control can be helpful. The FRG-8800 is particularly easy to use for ECSS tuning of shortwave broadcasts. Yaesu carefully explains how to do this in the comprehensive and well-written owner's manual.

The receiver is quite stable. Its frequency synthesizer is adequately quiet for most applications, although it is not in the same league as that of the more costly IC-R71 or Japan Radio NRD-515 and NRD-525.

The '8800 has a very effective noise blanker with two settings — narrow for auto ignition or other pulse-type noises, and wide for the interference caused by the infamous Soviet "woodpecker" shortwave radar system. The blanker does not degrade dynamic range, although the manual correctly advises that it be switched off when not needed to combat noise problems.

Indicator Unique

Traditionally, manufacturers have included simple signal-strength meters on shortwave receivers. Newer designs sometimes have had a few LED "lights" that glow sequentially to show the approximate strength of the received signal. But the '8800 breaks new ground, standing head and shoulders above the competition. The '8800's indicator measures signal levels digitally in no less than 31 liquid



FRG-8800'S DIGITAL SIGNAL-STRENGTH INDICATOR

crystal display (LCD) increments. The height and width of each bar-increment increase simultaneously with signal strength, so readings resemble an expanding and contracting triangle. Quick, accurate readings, using either the SWL's SINPO code or the more traditional "S" units, are a snap.

The receiver has a dual-time-zone clock with daily on-off cycles, as well as a "sleep" switch to shut off the set after a period of time. Alas, the clock-/timer digital display is shared with the frequency readout; you can read one or the other, but not both

at the same time. The clock displays hours and minutes, but not seconds.

A timer can switch the receiver on and off a number of times each day to permit automatic recording of programs for playback at more convenient times. But what if those programs are broadcast by different stations? In that situation, a timer offers no help. It cannot automatically control such non-time factors as frequency or reception mode. For that, Yaesu will be offering an exotic extra — external computer control. With a personal computer and the optional "CAT" serial computer interface, the user nominally will be able to custom-program all sorts of sophisticated control applications, from expanded channel memories to automated shortwave listening.

Two operator-selectable AM voice bandwidths — as opposed to three on the FRG-7700 that was replaced by the '8800 — are provided. In the single-sideband mode, also used for ECSS reception, only the narrower is usable. The 8.3 kHz "wide" bandwidth is so wide as to be all but useless for reception of shortwave broadcasts. The 3.8 kHz "narrow" bandwidth is too narrow to serve as a "wide" shortwave broadcasting filter, yet is somewhat wide for either conventional or ECSS reception of shortwave broadcasts. The '8800 thus is effectively left with only one useful shortwave bandwidth.

Although a dual-conversion receiver, the '8800 sample we tested had inferior image rejection in the order of -36/-38 dB. As a result, annoying "repeats" of powerful shortwave signals were heard clearly 910 kHz below the fundamental station frequency. Investigation revealed that this was the result of improper alignment at the factory. Other, properly aligned samples have been found to measure up to -48/-51 dB image rejection, which still is substandard for a receiver in this class.

Outboard preselection can upgrade image rejection by another 15 dB or so. One preselector that is above average in reducing 910 kHz images is the $99.50 Mizuho SX-3 (Mizuho Tsushin Co., Ltd., 2-8-6 Morino, Machida City, Tokyo 194, Japan; ACE Communications, Inc., 22511 Aspan Street, Lake Forest CA 92630 USA); another is the Palomar P-308 or P-305 (Palomar Engineers, Box 455, Escondido CA 92025 USA).

To some extent, such selectivity and alignment shortcomings are correctable. Dealers such as EEB and Radio West (3417 Purer Road, Escondido CA 92025 USA) modify the '8800 with more-suitable voice bandwidth filters. We checked out an EEB-modified '8800 with a 2.4 kHz mechanical filter ($95, installed) in place of the factory 3.8 kHz ceramic "narrow" filter and found ECSS and SSB selectivity much improved, but AM reception "muffled" except for DX purposes. Replacing the "wide" filter with one that is narrower with improved skirt selectivity would compliment this by allowing for an equivalent improvement in regular AM reception. No such modification was available during the test period for this report, but such options may become available in due course.

The '8800's controls are somewhat more logically arranged than those of the 'R71. Still, there are some relatively minor drawbacks: difficulty in telling whether certain switches are "in" or "out"; some problems with labeling and knob markings; and a few controls crowded together or inconveniently located.

The receiver has capabilities outside the shortwave range, although sensitivity within the longwave and mediumwave ranges is considerably less than on shortwave. This is fairly common with most shortwave receivers and helps reduce the possibility of local stations "breaking through" into the shortwave spectrum. Additionally, one version of the model — the FRG-8800V — has an inboard VHF converter covering the 118-174 MHz range, albeit with some spurious "birdies" noted throughout the tuned range. However, the standard '8800 can easily be retrofitted with the FRV-8800 VHF converter to receive 118-174 MHz signals.

Yaesu Musen Co. Ltd. (C.P.O. 1500, Tokyo, Japan, or Yaesu Electronics Corp., 15954 Downey Ave., Paramount CA 90723 USA) has set a suggested retail price of $599.95 in the US for the basic FRG-8800. With most flaws correctable, this receiver is a worth serious consideration for shortwave listening.

FAIR

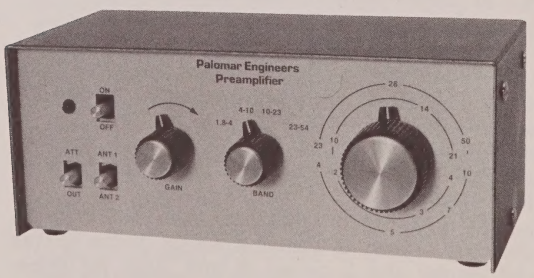
GRUNDIG SATELLIT 600

Although Japanese manufacturers dominate the shortwave receiver market today, a handful of competitors — including West Germany's venerable Grundig firm — carry on the battle.

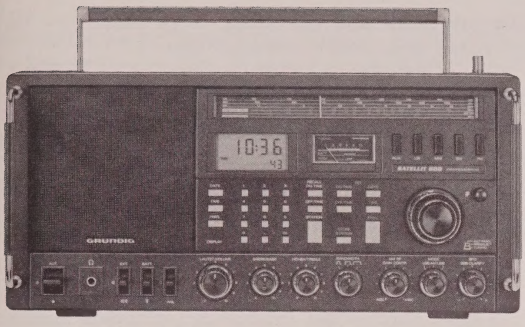
The Satellit 600, introduced in 1984, is the best in Grundig's shortwave "stable". Although the Portuguese-made set weighs no less than 9 kilos or nearly 20 pounds, it is nominally a "portable". A more correct description would be "self-contained".

The '600 is different from previous large Satellit models. Its tuning system is synthesized, which aids stability and allows for keypad tuning and 60 programmable channel memories, 32 of them for shortwave. Large digital frequency characters are easy to read.

The receiver also has a tuning knob with variable-rate incremental tuning (VRIT). As with the ICOM IC-R71's VRIT, the faster you turn the knob, the



PALOMAR P-308/P-305 ACTIVE PRESELECTOR



GRUNDIG SATELLIT 600
SELF-CONTAINED CLOCK-RADIO

faster the stations fly by. Although the concept would appear to add to the convenience of tuning, in practice it is of marginal interest to most receiver users.

Motorized Preselector

The real surprise is in the '600's inclusion of a self-tracking preselector. Contemporary design theory holds that preselectors are not needed in modern "up-conversion" receivers, although in principle a high "Q" preselector can further improve dynamic range over that which can be achieved by up-conversion.

The drawback of preselector tuning is that it adds yet another knob to those the listener has to manipulate while tuning. To get around this, Grundig has automated the preselector tuning. As the listener tunes up and down the band, every now and then a motor, acting as an electric "hand", retunes the preselector for nominally optimum performance. In fact, the automatic preselector is only a fair performer in providing front end selectivity — the robotic "hand" just doesn't track precisely enough. Fortunately, you can switch off the motor and peak the preselector manually for optimum performance.

Shortwave sensitivity, using either the built-in telescoping antenna or an external antenna, is quite good. However, blocking is such that nearby strong signals tend to desensitize the receiver.

The '600 has two selectivity positions, plus a third option which is merely the "wide" IF filter with an added, narrowing audio filter. Overall, though, selectivity is adequate for noncritical shortwave listening purposes.

The set's stable synthesized tuning circuitry makes single sideband reception reasonably good, although the '600 doesn't perform well in the ECSS mode.

Its dynamic range is only modest. Designers of shortwave portables usually must give up excellent dynamic range in order to use semiconductors with low power consumption, which is important in a battery-powered radio. But in this regard, the '600 has the worst of both — mediocre dynamic range and a heftiness that removes it from true portability.

A digital clock includes seconds and uses the 24-hour clock format favored by SWLs. A programmable timer has up to three on/off cycles per day. An analog S-meter, which doubles as a battery strength indicator, is marked in a 1-10 signal strength scale. The '600 comes standard with an inboard fused, dual-voltage AC power supply.

Controls include an RF gain, an LSB/AM/USB mode switch, BFO pitch, antenna trimmer, and various others for the microprocessor, clock/timer, noise limiter and band switch.

Grundig has a long tradition of making radios with powerful and relatively clean audio. The '600 continues in the path of its predecessors, with separate bass and treble controls, plus a tweeter on/off switch. Compared with most table model communications receivers, the '600 has audio that is well above average, although with some bassiness. This is also helpful inasmuch as the set also provides coverage of the FM broadcasting band. For listening to major shortwave broadcasters, the '600 provides welcomed relief to ears weary of the squawks and distortion of more than a few other models of shortwave sets. In this regard, only the excellent Sony ICF-6800W — which we plan to test again before long — is to be preferred.

Grundig AG (Kurgartenstrasse 37, D-8510 Furth-/Bayern, Federal Republic of Germany) markets its receivers through various department stores and radio shops, such as Euro Service & Parts (20826 E. Vermont Street, Torrance CA 90502 USA). The Satellit 600, which sells for about $650 to $700 in the US, offers very pleasant shortwave listening, but has minor appeal to the DX hunter.

BEARCAT DX1000

In recent years, the Electra Company has made a name for itself with its popular line of Bearcat VHF/UHF scanners and cordless telephones. The DX1000 is its first entry into the shortwave receiver market.

No sooner then the set appeared on dealer shelves than the firm was acquired by the fast-rising US subsidiary of a Japanese electronics company, Uniden. With the new DX1000 safely "in-house",

BEARCAT DX1000 RECEIVER

Uniden discontinued its own CR-2021 shortwave portable, closing out four thousand of the sets at bargain prices to lucky North American buyers in late 1984 (Tandy/Radio Shack closed out its version, the DX-400, in mid-1985).

The DX1000 is a table model communications receiver which is, only secondarily, portable. While its design is modern, the set breaks little new technological ground, so it's hardly surprising that its performance is is similar to that of recent models from such competitors as Yaesu and Trio-Kenwood. Although designed by a well known scanner maker, it features no scanning device. This is a wise decision. Scanners work best with stable signals, and shortwave is notorious for its fading.

The receiver's sensitivity to weak signals is good, but is limited by internal circuit noise. Its built-in telescoping antenna is disappointing and it really needs a good outboard antenna to demonstrate any of its sensitivity. Audio quality is acceptable and is aided by a continuous tone control.

The dynamic range is mediocre. Mixing products from strong medium wave AM stations pop up, unwanted, on the shortwave bands. An attenuator helps, but also decreases the DX1000's sensitivity to weaker shortwave signals. An antenna tuner or preselector, as an outboard add-on, could be a useful accessory. The installation of a switchable 2 MHz high-pass filter to reduce the penetration by AM signals into the shortwave spectrum also would help.

Three IF selectivity filters are provided, each selectable independent of the reception mode chosen. The narrowest does work reasonably well in crowded shortwave band conditions. The 12 kHz "wide" filter, frankly, is just too broad for listening to shortwave broadcasts.

The 6 kHz "middle" bandwidth filter — the choice most relevant to shortwave listening — has only modest skirt selectivity when compared to a nominally equivalent filter on the ICOM IC-R71. Having your dealer install a compatible higher-quality ceramic filter as a replacement should improve matters.

The DX1000 has a reasonable noise blanker with two widths, allowing it to reduce local pulse-type noises, such as those caused by the engine ignitions of nearby vehicles, as well as the Soviet "woodpecker" radar interference.

Keypad and Knob

The Bearcat receiver features both keypad and knob tuning, plus programmable-step slewing and 10 programmable channel memories. It also has two 24-hour clocks which, unfortunately, share the digital display with the tuned frequency readout. One clock can be set to the universal time standard, UTC; the other to your local hour. The clocks also function as a timing system which can turn the set on and off automatically up to five times daily. The time also can be set to control the operation of a tape recorder. This combination permits "lazy man's SWLing", automatically recording shortwave signals when you are away — or asleep — for playback at a more convenient time.

There are several tuning peculiarities which result in unnecessary extra button-pushes. These are minor inconveniences at worst, but do add to the particular tuning task at hand.

Stability is good for a receiver in the DX1000's price range. The excellent fine tuning control aids single-sideband tuning.

The front panel controls are logically laid out for easy use, but the panel itself — plus the controls — are of painted plastic. Only time will tell how these painted surfaces and control markings hold up under regular use, but initial reports are not encouraging. The panel's signal-strength meter is calibrated both in "S" units and the 1-to-5 scale used for shortwave reception reports.

The DX1000 uses a wall-plug transformer, rather than an inboard power supply, to convert AC to DC. It holds eight "D" size alkaline batteries, so it can be used as a hefty "portable" of sorts. As the receiver has a very high battery drain — resulting in a per-hour battery cost of about 75 US cents — the user probably will resort to portable operation on special occasions only. Unfortunately, it is not designed to operate from rechargable NiCd cells, which have lower per-battery voltage than do non-rechargable batteries.

Uniden Corporation of America (Marketing Services, Personal Communications Division, 15161 Triton Lane, Huntington Beach, CA 92649 USA) has priced the DX1000 at $499.95. Although its features-to-cost ratio is quite good, other models in the $500-600 range offer better overall performance.

HEATHKIT/ZENITH SW-7800 (Revised Version)

It was shortly after World War II that the Heath Company, a small firm from rural Michigan in the midwestern US, began designing and selling inexpensive electronics kits. Kit making caught on, and the rest is history.

Over the years, the Heath Company has passed through several corporate hands. It was acquired briefly by Daystrom, then for many years it was

HEATHKIT/ZENITH SW-7800 RECEIVER

owned by the prestigious oil service/electronics firm of Schlumberger, Ltd. In recent years, it has been part of the Zenith Corporation, itself well known to veteran shortwave listeners for its pioneering tube-type "Transoceanic" portable sets.

In 1984, Heath broadened its kit line to include the SW-7800, a general coverage — 150 kHz to 30 MHz — set with digital frequency readout. Its design is modern, but breaks no technological ground. It is available only in kit form, but electronics hobbyists often enjoy the challenge of building their own receivers. Heath's traditionally well-written instructions and supportive technical staff are a real help. Still, assembling the '7800 is a major undertaking of about 50 hours' time.

Not long ago, a group of veteran radio monitors, comparing notes on how each had been introduced to shortwave some years earlier, found that virtually all had begun by building radio kits. Thus the SW-7800 serves to carry on a venerable function by expanding the ranks of active shortwave listeners.

The SW-7800's digital readout — to the nearest kilohertz — is displayed on five red light-emitting diodes. Tuning is controlled by two knobs: one for Megahertz, the other, kilohertz. There is a mode switch, selectable among AM, lower and upper SSB, and CW (for code reception). The front panel also includes a signal-strength meter, a slow/fast automatic gain control switch and a variable attenuator. There also is a single-fixed-step attenuator switch behind the set to supplement the front panel control.

While not a portable receiver — it has no provision for internal batteries — the SW-7800 can be operated from an external 12-16V DC power supply, as well as normal AC mains house current. And it comes with a built-in telescoping antenna.

Two selectivity positions, controllable with the mode switch, are marked on the set's front panel. Normally this would indicate that the receiver has two bandwidth filters in the intermediate frequency (IF) stage. This is not the case with the SW-7800, which has only one IF bandwidth filter, albeit a decent 5.5 kHz "wide" choice. The "narrow" position is merely an audio filter which gets involved in interference cleanup only in the very late stages of the reception process. As audio filters go, the device works well enough, but is not a worthy substitute for the needed second IF filter in keeping unwanted interference from being demodulated in the first place.

In late 1984 we tested the SW-7800. Its performance was disappointing. The receiver overloaded in the face of strong signals. An assortment of strange whistles and spurious noises was annoying, and frequency drifting was a serious problem. As the set warmed up, the frequency drifted as much as 10 kHz in two hours, and 4 kHz more after that. This is not acceptable in a solid state receiver.

Improvements Noted

Heath informed us that design modifications would be made. In 1985 we tested a prototype of the revised SW-7800, which is to be marketed in place of the original '7800 by 1986.

Indeed, there have been some improvements. The set now has slightly improved dynamic range and blocking. This, with sensitivity reduced a bit, has made overloading somewhat less of a problem. More importantly, the wide frequency drifting in the original version has been tamed to a more respectable, if uninspiring, 3 kHz during the first hour of use. The frequency counter, which did not work well at higher frequencies, now performs satisfactorily up to about 29 MHz — nearly the top of the set's range — before failing to count properly.

Whistles and other spurious signals, unfortunately, are still noted. The variable pitch of the whistles normally would suggest poor image rejection, but lab tests show the SW-7800's image rejection to be excellent. Although we did not isolate the cause, the most likely culprit is the noisy frequency synthesizer — alone or in concert with the set's IF. Single-sideband reception continues to be difficult — and ECSS all but impossible — thanks to frequency instability and the lack of a narrow IF bandwidth filter. Additionally, the product detector distorts (a point of concern only when tuning in the SSB/ECSS modes).

The Heath Company (Benton Harbor MI 49022 USA) has priced the SW-7800 at $349.95 in the US. Being a kit, there's no way you can try it before you buy, but you can order the instruction manual for $8 from Heath's Parts Department. This will give you a good idea of what's involved in construction. The manual's price is refundable should you decide to purchase the set.

Overall, the revised Heathkit/Zenith SW-7800 prototype performs almost on a par with such acceptable preassambled models as the comparably priced Trio-Kenwood R-600. Assuming the production version of the improved '7800 performs comparably when it is becomes available, the result will be a much-needed improvement over the original version. As to building your own radio, remember that Heath's customer service has always been its long suit. If the kit builder encounters difficulties, there are technical experts to call on for advice and help during and beyond the 90-day warranty period.

RDI REVIEWS ENHANCED-FIDELITY RECEIVERS

Probably the most annoying part of shortwave listening is the listening. Programming is entertaining, enlightening, enjoyable, exotic. But too often the audio quality is raucous to the ear.

There are several reasons why amplitude-modulated (AM)* radios have poorer audio than their frequency-modulated (FM) counterparts. Interference is one. On the mediumwave and shortwave bands alike, station signals are more closely crowded than on FM. Also, the very nature of electromagnetic noise — from lightning near and far, plus man-made causes such as auto ignitions and hair dryers — is amplitude, rather than frequency, modulated. Additionally, for various reasons, AM signals are easily distorted.

A growing number of shortwave receivers use ceramic IF filters with relatively narrow bandwidths and steep "skirts". For shortwave selectivity, such filters are essential to reduce side-channel interference. But "wider" filters and a more gentle "rolloff" would be kinder to audio fidelity.

In 1984, with a growing concern over the future of mediumwave radio in North America, the National Association of Broadcasters appointed a special committee to look into ways to improve audio quality. Among the committee's recommendations was the suggestion that manufacturers make specific improvements in receiver detectors — the circuitry designed to extract the audio program content from AM radio signals. But the committee also recognized that most radio manufacturers today consider the reception quality advantages of new detector designs to be outweighed by increased costs.

Eventually, the committee predicted, an integrated circuit chip will be developed which will be able to demodulate more effectively both FM and AM signals at a price lower than either can be done now.

That is the future. For the shortwave listener who now would like to enjoy improved fidelity signals from a medium which, traditionally, has been strictly "low-fi", there are some interesting developments involving a transmission mode known as single sideband (SSB).

Today, most shortwave broadcasts are transmitted in the AM double sideband mode, which consists of *two* identical "sidebands" with a "carrier" sanwiched between. Just as a sheet of paper is the medium used to carry this printed article, a carrier transports the electronic information — voices, music, and so forth — contained in each of the two sidebands. But since each sideband is a mirror image of the other, only one is needed to convey the program. Broadcasting efficiency results from suppressing the carrier and one of the sidebands, leaving just a single sideband, but all of the programming. Such a single-sideband signal is only half as wide, saving frequency "space", and using less transmitting energy.

Electronic experts agree that the future of shortwave broadcasting lies with SSB transmission. Until large numbers of cheap and easy-to-tune receivers are in listeners' hands, however, most stations will continue to use old fashioned double-sideband AM.

ECSS Technique Improves Fidelity

The good news is that some new receivers offer advanced phase-locked detectors which permit tuning commonplace double-sideband transmissions as though they were SSB. In the future, similar circuits are certain to allow for simplified reception of reduced-carrier SSB signals, as well.

In order to tune a suppressed-carrier SSB signal, a shortwave receiver must reinsert an internally produced synthesized carrier to replace the one not transmitted over the air. Faced with an ordinary double sideband AM signal, the receiver's synthesized carrier needs to be imposed upon the transmitted carrier so the listener can chose the quieter of the two sidebands (listening to only one sideband without augmenting the transmitted carrier results in greatly-increased distortion). The technique is called exalted-carrier selectable-sideband (ECSS). Thus, if the BBC on 7325 kHz were interfered with by Radio Moscow on 7320 kHz, the use of ECSS would allow the noisy lower sideband to be rejected, but the relatively quiet upper sideband to be fully received. The improvement can be dramatic or modest, depending on the degree of interference and the particulars of receiver design.

Manually-tuned ECSS traditionally has been an interference-reducing technique limited to use by experienced DXers with steady hands and good ears, using good quality, stable shortwave receivers. In terms of producing an intelligible signal — the goal of many DXers — the results of manually-tuned ECSS are adequate. But for shortwave program listening, audio fidelity enhancement is limited by the problem of placing the radio's synthesized carrier exactly on the frequency of the station's transmitted carrier. If the two carriers are spaced apart by even a small amount — say, 100 Hz — the sound becomes as unnatural as a green face on a television set. Even if the carriers are painstakingly tuned to within one Hz of each other, the result is that the signal suffers from one annoying fade each second.

Now, though, reality is catching up to promise. Low cost microprocessor chips are available which permit a receiver's internal carrier to lock precisely onto the carrier of a shortwave signal. Transmitted and receiver-generated carrier frequencies are brought to a nigh-perfect "synchronized" state in which both carriers are matched perfectly and auto-

*"AM" in this context refers to the AM *mode*, not the so-called "AM band" — the proper name for which is the mediumwave band. Stations within the mediumwave band do transmit in the AM mode; but, then, so do nearly all shortwave broadcasters.

matically every split-second. What formerly had to be done manually — and imperfectly — now is accomplished optimally and effortlessly. This major fidelity advance is termed "synchronous exalted-carrier selectable-sideband" reception. . .ECSS-s for short.

ECSS-s has two primary benefits. First, reliance upon a rock-steady internal carrier — not one subject to disruptions occurring during transmission over a long signal path — means reduced distortion, and thus more pleasant listening. Second, when the crowded shortwave bands generate excessive interference, the user can select whichever of the two program-carrying sidebands has the lesser interference. This can be accomplished within the receiver in a variety of ways, the two most common being 1) shifting the position of the bandwidth filter so that it encompasses one sideband only, and 2) using stereo AM circuitry to receive each sideband independently, but with one sideband or the other being switched off so as to leave only the remaining sideband audible.

Some years back, Racal, a British manufacturer of professional- quality monitoring receivers, offered such special circuitry as an expensive option. More recently, Sherwood Engineering Inc. (1268 S. Ogden St., Denver CO 80210 USA; or Ingoimpex, Postfach 24 49, D-8070 Ingolstadt, Federal Republic of Germany) has designed accessory devices which can be retrofitted to certain high quality shortwave receivers, such as the Japan Radio NRD-515 and Drake R4245, providing greatly improved audio fidelity for the shortwave perfectionist. But the overall cost is not cheap (over $300 for the Sherwood equipment and related enhancements to the '515's circuitry) and the overall configuration is not the simplest to operate.

DRAKE R4245 PROFESSIONAL RECEIVER

The current receiver market, however, does include several interesting models which offer significantly more pleasant listening. Remember, though, that in a shortwave receiver design compromises are inevitable; in improving one characteristic, a manufacturer may end up downgrading another aspect. So a set appealing to one listener may not be right for some other person having different wants. This is why there isn't one "best" set for everybody.

In order to facilitate comparison with models covered in the RDI receiver tests elsewhere in this edition, models are listed by type; within type, in order of overall preference as shortwave listening devices. A separate rating is given for ECSS-s performance.

PORTABLE MODEL

SONY ICF-2010/ICF-2001D

ECSS-s Performance: Good.

Sony, the well-known Japanese manufacturer of consumer electronics, in 1985 brought out its first receiver with the improved audio fidelity technology, ECSS-s. In North America it is marketed as the ICF-2010; elsewhere, the ICF-2001D.

SONY ICF-2010/ICF-2001D
ECSS-s CLOCK-PORTABLE

The '2010 is a midsized portable with approximately the same dimensions as Sony's now-discontinued ICF-2001. It tunes the long, medium and shortwave spectrum, plus FM and the 116-136 MHz VHF aeronautical band. Because of legal restrictions in certain countries outside of North America, some versions of the '2001D lack portions of this coverage — notably the aeronautical and highest shortwave frequencies.

The '2010 is well designed for ECSS-s tuning. The lock-in width is broad, yet the receiver does not lose lock easily during fades. When lock is lost during fades, the normal AM-detection circuitry is switched in during the split-second until lock is restored. The set also automatically switches from ECSS-s to normal AM detection when you tune from frequency to frequency, preventing annoying "between-station" howls. When you stop at the signal you want, ECSS-s automatically is switched in again. Indeed, there is rarely any reason to switch out the ECSS-s "sync" circuit.

The audio-improving ECSS-s tuning is straightforward and simple. The sideband selected, upper or lower, is indicated by a pair of light-emitting diodes (LEDs). To choose the upper sideband, the signal is tuned normally to the exact station frequency (e.g., 15260.0 kHz). If you believe the station's lower sideband might be clearer of adjacent channel interference, detune the set -100 Hz (e.g., 15259.9 kHz). Generally, this works well, although on occasions when there are several competing

signals piled up on more or less the same frequency, the circuit may be "confused".

The use of "up and down" frequency slewing pushbuttons in lieu of a tuning knob with the predecessor model '2001 seems not to have been as popular as Sony originally thought. The '2010 has, thankfully, dispensed with these buttons and gone back to a conventional tuning knob which, in this case, changes frequency in increments of either 100 Hz or 1 kHz. There is, however, a soft "thoop" sound and split-second muting which accompanies each incremental frequency change. The liquid crystal display offers unusually precise frequency readout for a portable — to the nearest 100 Hz, no less. The display also includes various other operating data and a 24/12 hour digital clock, which seconds as a timed on/off switch.

The front panel of the '2010 bristles with pushbuttons, including 32 programmable-channel memories. A convenient feature is a slide-out panel which shows the stations programmed onto those memories. However, it is a bit mystifying to discover, in a radio clearly intended to produce better-than-usual audio fidelity, that tone control facilities consist merely of a three-position switch.

Laboratory measurements of radio performance factors show that one of the '2010's strong points is selectivity — sorting the wanted signal from nearby interference — using the innovative ECSS-s circuitry and a choice of two high-quality, but wide (9.4 and 4.3 kHz), bandwidth filters. It performs well for a portable in its price category, but it should not be mistaken for a serious communications receiver.

Sony's choice of a "wide" filter — 9 ½ kHz — can result in adjacent-channel heterodyne howls even on the mediumwave band. In the far-more-crowded shortwave bands, where channel spacing is roughly half that of the mediumwave band, this "wide" filter lets in all manner of interference. At times, even the "narrow" filter is too wide. A good 6 or 7 kHz bandwidth, paired with one of 3-3.5 kHz, would have been preferable. With ECSS-s and conventional AM reception alike, this would have resulted in reduced interference, yet provided for audio bandwidth appropriate to the 2010's aural capability.

The '2010 — except for the aeronautical band — is sensitive enough, but its internal circuit noise ("hiss") is audibly higher than it should be, particularly when the ECSS-s "sync" circuit is switched in. The exact cause of this excessive noise is not known, but inasmuch as it does not show up on single-signal laboratory tests, one possibility is that the noise results from problems associated with the input of multiple signals. This noise, along with the excessively wide bandwidths, detract noticeably from the considerable audio-fidelity — and DX — potential of this receiver.

Improved MW Reception

We've already noted how ECSS-s circuitry can improve the sound quality of shortwave broadcasts. Suburban mediumwave (so-called "AM band") listeners also will find it has the potential to improve reception of fringe mediumwave signals in the evening, when reception can be a mixture of darkness-hours skywave propagation plus the usual around-the-clock groundwave. Because skywave (reflected from the ionosphere) takes a split-second longer to reach the receiver, there is "selective fading" analagous to "ghosts" on TV. Selective fading, during those moments when it attenuates the transmitted carrier more than it does the sidebands, produces distorted audio. . .sometimes so severe that you can't understand the programming. But ECSS-s reception relies on a steady carrier synthesized within the receiver, eliminating this problem.

Certain portions of this state-of-the-art circuitry form the basis for very good reception of shortwave single-sideband (SSB) and independent-sideband (ISB) signals, as well. Hams and "utility" DXers will find the '2010 to be one of the best portables available to eavesdrop on transmissions in these modes. The '2010 also serves well those who listen to the program feeders of the American Forces Radio-TV Service, Voice of America, Deutsche Welle, and other radio organizations which regularly beam SSB/ISB transmissions to overseas relay stations for rebroadcast (other program feeders, such as those from Argentina, Paraguay and Cuba, are used on an as-needed basis for sports and other special events). These feeders, being point-to-point transmissions, operate outside bands allocated to shortwave broadcasting and thus tend to be relatively free from interference. Another bonus is that SSB and ISB program feeders, such as those of Radio Free Europe/Radio Liberty, are almost never "jammed", as are their usual broadcasting channels. RADIO DATABASE INTERNATIONAL thus includes these feeders among its listings.

Somewhat surprisingly, the '2010, which uses a stereo AM "chip" as the basis of its ECSS-s circuit, does not provide AM or FM stereo reception via earphones as does, say, Sony's popular Walkman or Sharp's FV-610GB. As to FM monaural reception, the '2010 shows a marked propensity to overload (a solution for those living near very powerful FM stations is to collapse the telescoping antenna). In some locations FM signals also penetrate into the '2010's shortwave circuitry, causing distorted interference to shortwave signals.

Unfortunately, the ICF-2010 owner's manual treats the whole subject of ECSS-s reception too briefly — just a few lines — and in arcane language which inadequately explains this major plus offered by Sony's innovative receiver. As a result, we've received numerous requests asking for an explanation as to how to tune the '2010 properly.

In reality, tuning ECSS-s on the '2010 is remarkably straightforward once you know how. If the station you wish to hear is interfered with by another station nearby, with the "sync" switched on and the bandwidth on "narrow", turn the tuning knob one click (100 Hz) and the interference often is reduced or eliminated. For example, if you were listening to

the BBC World Service on 5975.0 kHz, you would hear the BBC's upper sideband. But if you were tuned to 5974.9 kHz, you'd hear the BBC's lower sideband instead. If there were a strong station on 5980, but nothing comparable on 5970, you would naturally choose the lower sideband, as that is the one exposed to less interference. Of course, if the station you're trying to hear were hemmed in by heavy interference on both sides or on the same channel, not even the '2010 could improve matters much, as the primary *raison d'etre* of ECSS is to be able to tune in only the one side of the desired signal that is relatively free from interference.

The 24/12 hour clock's display is separate from the digital frequency readout. Its timing features include the ability to turn on the receiver automatically up to four times a day in order to catch favorite broadcasts, then turn it off again 15, 30 or 60 minutes later. A sleep switch can be set to turn off the set automatically up to an hour later. So thoroughly is this thought out that you can go to sleep listening to one station, yet be awakened to another station of your choice.

The Sony receiver has a scanner which sweeps frequency ranges or the memory channels in two ways: by stopping on the next "active" frequency, or by pausing just long enough — 1.5 seconds — for you to determine whether a station is operating, then continuing the scan. The scanner probably will be practical value only for those who prowl the '2010's VHF aeronautical band.

Most compact portables have no dial light whatsoever for nighttime use, and a woefully inadequate "glow light" to indicate signal strength. The '2010, however, indicates strength of reception with a nice set of 10 small LEDs, which second as battery strength indicators. And the receiver has a tiny light controlled by a 15-second time-delay switch, which shuts itself off automatically to preserve battery life. While the '2010's battery consumption is above average for a compact portable, it is not out of line for a set with a worthy audio stage. To prevent accidentally turning on the receiver while traveling, a flush on-off toggle switch plus a separate main power switch are provided to give double protection.

The set's 76 controls, switches, buttons and knobs may seem forbidding to some newcomers, and thus may limit the set's popular appeal. But everything is logically arranged. Anyone who can use a sophisticated pocket calculator soon should be comfortable operating the '2010.

Sony (7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo 141, Japan; Consumer Audio Marketing, Sony Drive, Park Ridge, NJ 07656 USA) markets the ICF-2010 with a suggested retail price of $329.95 (including AC mains power supply) in the United States. Some years from now, all shortwave — and probably mediumwave — radios will have advanced detection/interference-rejection circuitry such as is found on this innovative model. It's the obvious receiver of choice if you are seeking a portable to provide aurally-superior shortwave and mediumwave reception.

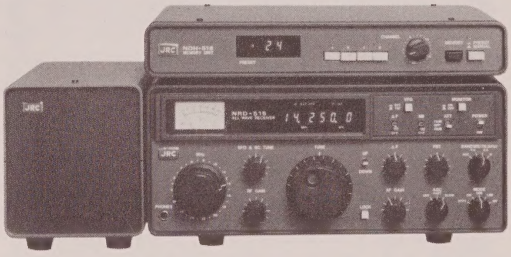
TUNABLE TABLE MODELS

EXCELLENT

JAPAN RADIO NRD-515/ESKA OPTIONS 1+2

ECSS-s Performance (with ESKA device): Fair.

In late 1984, the Danish firm of ESKA Elektronik brought out an enhanced-fidelity ECSS-s device for the Japan Radio NRD-515 shortwave set, with the intention of improving the audio fidelity of this venerable semi-professional receiver. "Options 1+2", as this accessory is termed by ESKA, are priced from the Danish factory at $220, including shipment worldwide, but currently are not offered for sale by U.S. or Canadian dealers.



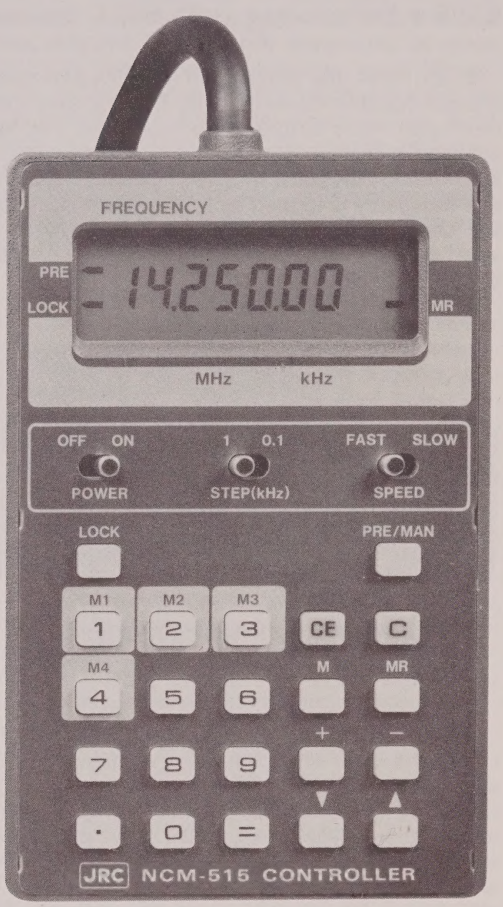
JAPAN RADIO NRD-515 RECEIVER WITH OUTBOARD 96-CHANNEL MEMORY

Before considering Options 1+2, though, let's review the '515, which has been manufactured for several years by the Japan Radio Company (Sales Department, Mori Building Fifth, 1-17-1, Toranomon, 1-chome, Minato-ku, Tokyo 105, Japan). This established upper-echelon performer for the shortwave listener or DX perfectionist is still available new and carries a current suggested retail price in the US of $1,059. However, even the importer (Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, OH 43058) retails the '515 for somewhat less: $949. It differs from the recently-introduced Japan Radio NRD-525 in several important respects, and thus continues to be preferred for certain applications.

Its quality of construction is superior to anything else near or below its price range. The caliber of components and assembly is excellent, and its front panel is constructed of rigid cast aluminum. For many, it has been the receiver of choice for semi-professional or even certain professional monitoring applications, as in both categories reliability and performance are of comparably high importance. In fact, there's even a club for '515 owners (The '515 Club, 857 Virginia Ct., Sonoma CA 95476 USA).

The '515 is logical and easy to operate, with a Megahertz switch plus a kilohertz tuning knob that is coupled with an up/down slewing lever for fast fre-

quency-to-frequency movement. A 96-channel memory, the NDH-518, is offered as a $235 option. Another convenience extra is the NCM-515, a $175 outboard module for keypad frequency entry and certain other functions.



NCM-515 OUTBOARD KEYPAD

The receiver's synthesizer performance, dynamic range, selectivity, sensitivity, stability and noise figure are all of the first order, especially if the two standard voice bandwidths — 2.2 and 5 kHz — are supplemented by a high-quality filter in the 3 to 4 kHz range (two such Collins mechanical filter options, although not tested by us, are offered at $139.95 each by Universal). On the other hand, both the automatic gain control and signal strength meter are substandard, and the audio — while perfectly acceptable — is characterized by woolliness.

Even with the '515's passband tuning and rock-solid stability — all of which make for fairly good manually tuned ECSS reception — the Eska options would seem to promise a welcomed advance in fidelity more inexpensively and simply than does the successful Sherwood Engineering SE-3 with associated '515 enhancements.

Our initial reaction was one of disappointment. The first Eska sample came with a diode reversed, as did the second, which also had two shorts on its circuit board. Errors in the schematic drawing didn't help, either. Some months later, in the latter half of 1985, we tested a third sample. By then, quality control had improved. The board functioned pretty much as it should, although the errors in the printed material had not as yet been corrected.

Eska's instructions indicate that certain parts are to be removed from the NRD-515 with wire cutters before installation of the options. Better, the components should be removed through careful desoldering with a low-wattage soldering iron. This approach allows the the modification to be undone later, should you so choose. Drilling of the chassis is also required; this should be done with care so as not to allow stray metal shavings to short out the receiver's circuitry.

Our laboratory took two hours to install the Eska options, but an experienced electronic kit builder may find it takes more like four hours. Certainly this is not an undertaking for the technical tyro.

The Eska devices double the number of filter poles, thus slightly improving receiver selectivity. The insertion loss of the accessory is recovered exactly by amplification. But, as with ESKA's RX99PL receiver (see following review), the PLL circuit designed to hold ECSS-s lock tends to lose it relatively easily. And although the 50Hz lock width and handy lock light allow the Eska options to be operated easily enough, the overall performance falls short of achieving the potential of this sort of fidelity enhancement.

Because the '515 is so stable, it is a favorite of DXers and SWLs alike who use their steady fingers and finely tuned ears to receive shortwave broadcasting signals via manual ECSS. Because it has an analog fine-tuning control, the Japan Radio NRD-515 has earned a reputation as a superior receiver for tuning broadcasts suffering from moderate interference. The ESKA options do improve upon this degree of performance while making ECSS a much simpler procedure. For some, this will more than justify acquiring the ESKA options.

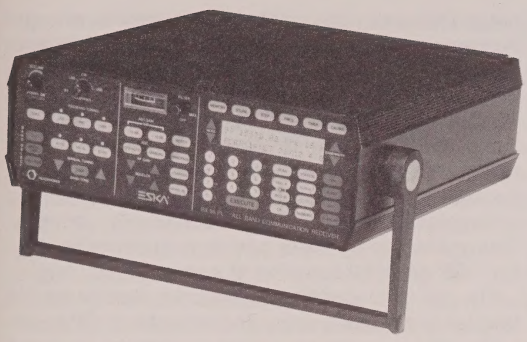
GOOD

ESKA RX99PL

ECSS-s Performance: Fair.

The RX99PL receiver has been touted, even before its debut, as something of a "dream machine" designed both to fill a "niche" in the surveillence market and to satisfy the most meticulous shortwave listener's every whim, regardless of cost. When word went out that ESKA had gone bankrupt, one could all but hear the collective groan of disappointment from radio aficinados and vagabond spooks.

Fortunately, ESKA immediately arose from its corporate ashes and as of mid-1985 has been in the hands of creditors who were active in the receiver's



ESKA RX99PL
PROFESSIONAL ECSS-S RECEIVER

design and early implementation. But instead of being strictly a Danish company, it's now a blend of Dutch and Danish forces, with founder Eddy Visser continuing on as a consultant and Alreso Elektronica BV of Zaandam, Holland, doing much of the design and manufacture.

Physically, the '99 resembles the Sony CRF-1 — the $1,800 model that in recent years we have considered to be the best portable available — but is even more costly, about $3,500. Clearly, ESKA wants to offer the consummate shortwave receiver — a portable exceeding the performance of such top-notch table-model communications receivers as the ICOM IC-R71, Japan Radio's NRD-515/NRD-525, and Drake's R4245. A tall order!

To a point, the '99 succeeds. Its "mainframe" does a fine job of receiving and processing radio signals. Where ESKA is not successful is in the area of human engineering. The receiver — at least in its present state — is not a joy to operate.

Features? The '99 has them in spades: up to at least five — possibly *nine* — bandwidths; *four* automatic gain control "recovery" times; a notch filter (an optional extra); true passband tuning; and an "intelligent" scanner. Not only does the '99 fully cover longwave, mediumwave and shortwave from 0.015-30 MHz, it also can be configurated to cover the VHF spectrum from 60-110 MHz and 144-176 MHz. Here, the European designers have done their homework.

Since we are particularly interested in the ESKA receiver's audio quality, its ECSS-s capability has received special attention. Tests show that it works unusually well in coping with adjacent-channel interference — a real plus. Partly this is because ESKA wisely has coupled its ECSS-s capability with a wide range of standard and optional bandwidths (2.2/3/4/6/8 kHz) useful for reception of shortwave broadcasts under a variety of conditions of interference. But ECSS-s is a new form of reception, and the '99, along with some other "first generation" enhanced-audio receivers, hasn't as yet reached the full potential of advanced-detection technology. Most noticeably, there is no lock memory as there is on the Liniplex F1 (see review elsewhere in this article), so the '99 intermittently loses lock on signals. A minor, unrelated audio flaw occured on our samples at high volume settings, when the aluminum cabinet tended to "buzz" slightly in sympathetic vibration. Otherwise, audio quality is a bit above average. So, overall, as an enhanced-fidelity receiving device the '99 is a step forward, but not yet quite what it could be.

True passband tuning is a rarity in shortwave receivers, but is included in the ESKA sets. Passband tuning allows the listener to choose the precise spot within the chosen sideband which optimizes audio tone quality or intelligibility and minimizes interference. A minor drawback is that this useful device doesn't function on the '99 in the straight AM reception mode, presumably because only a simple diode detector is in use. However, the ECSS-s circuitry does allow passband tuning to be used to excellent effect in receiving AM signals.

Our samples did not come equipped with any of the various audio filtering options. But even though the notch filter is to be in the receiver's audio — rather than IF — stage, if its pattern is to be sufficiently narrow and deep it has the potential of being very useful.

Definitely useful for avid listeners to such major international broadcasts as the BBC World Service is the '99's scanner. You can place your favorite station's various channels into memory, press some buttons, and from that time until the set is turned off it will shift from weak channels to strong ones automatically. Here in Eastern North America, we had "hands-off" nearly-around-the-clock reception of the BBC World Service simply by setting the scanner to 21710, 15070, 12095, 9410, 7325, 6175, and 5975 kHz. Too, you can set the mode (e.g., straight AM or ECSS-s) and bandwidth to suit the conditions typically encountered on each individual channel.

Of course, the scanner lacks artificial intelligence capability, so it can't ascertain the identity of a station on any given channel (mere phase checks of parallel channels would be confounded by the time lag from relay sites). It simply goes by signal strength, so the '99's exotic scanner works best on channels that are more or less exclusive in terms of being well received in your area.

Ergonomics Mixed

Performance varies from the superb (skirt selectivity) to the very good (dynamic range) to the respectable (frequency synthesizer) to the merely fair (AGC response, signal strength meter operation). Overall, it's quite a showing for a portable, even if it is not quite in the same tough-signal-handling league as, say, the superb and comparably-priced Drake R4245.

Less successful are the ergonomics. While the '99 has been designed for high quality performance, equal consideration has not been given to the operating controls.

The front panel, which has only three (tiny) knobs, is impractical to use. It features a glued-on flexible plastic sheet with pressure-sensitive "spots" in lieu of genuine pushbuttons. First, on all three samples

the glue was coming loose to some extent. Only time will tell whether this will be more than a minor cosmetic flaw. Second, and more significant, the user must "dent" this plastic panel with finger pressure until the particular control is activated. These sorts of controls may be suitable for appliances, such as microwave ovens, but they are unpleasant to use on regularly-manipulated devices such as radios for two good reasons. First, repeated pushing on a membrane is uncomfortable to the finger. Second, a membrane "keypad" lacks the tactile "feedback" that operators appreciate. Better would have been a regular positive-action pushbutton keypad, such as is found on the excellent professional Racal RA6793/RA1992 and certain Hewlett-Packard calculators . . .or, if hostile conditions so dictate, a partial-"feel" bubble-type membrane keypad, such as that on the Racal RA6790/GM.

The '99's frequency keypad is simple to use, though. If you want 5960 kHz, for example, you tap in the digits 5-9-6-0 and you're tuned in. There are no decimals, no "execute" commands to enter. Unfortunately, there is also no tuning knob, only a pair of "up" and "down" frequency slewing controls and a third fast-slew "button". Sony tried this frequency slewing approach to tuning on its now-discontinued ICF-2001 portable and subsequently abandoned it when designing the new ICF-2010/ICF-2001D reviewed elsewhere in this article. Compounding the problem is the location of these controls at the lower left of the front panel. . .awkward for all but left-handers, who make up less than 10 percent of the world's population.

Changes Planned

The liquid crystal display is of the dot-matrix type — not really difficult to read, but with characters that are a bit fuzzy, with modest contrast, especially when viewed at certain angles. According to the manufacturer, two types of displays are now available: one that is more clear when viewed from above, the other more clear when viewed from below. For most desktop applications the former choice is preferable.

When a "key" is pushed, the display indicates for a few seconds exactly what action has just occurred. This is a real convenience, given all the microprocessor functions available. However, as of press time we were unable to determine why the frequency readout sometimes changes slightly from turn-off to turn-on moments later. For example, the BBC on 9410 kHz would show up on the readout as 9410 kHz one time, 9415 kHz the next, 9407.89 kHz the next, then back to 9410 the next. To some extent, this is moot, as when the set is turned back on after a lengthy period it automatically — and unfortunately — tunes to 10000.0 kHz, anyway. Thereafter, the operator can tune in correctly, say, the BBC on 9410 sans the aforementioned "bug".

The '99 also permits the user to recalibrate the frequency counter quickly and accurately. Since virtually all receivers go out of calibration to some degree over time, this is a useful innovation. The centrally-located default frequency — 10000 kHz — is best for shortwave recalibration, as the readout *vis-a-vis* the BFO tends to be off by up to *plus* 10 Hz in the upper bands, but up to *minus* 10 Hz in the lower bands.

The receiver's preamplifier offers only 4 dB of gain, which is adequate in areas such as Europe, where there are many superpower shortwave signals. However, an additional stage of preamplification can be activated via the "active antenna" switch at the rear of the set. The reverse side of the coin is the attenuator control, designed to prevent overloading in strong signal areas. The receiver's one-step attenuation — -16 dB — is suitable for the European listener, but is unneeded overkill in most other parts of the world.

Overkill is also an appropriate term for the '99's battery consumption. Rechargeable NiCd's are all but a necessity unless you have a kindly uncle in the battery business. However, if you do use the '99 as a nighttime portable, you will appreciate that the liquid-crystal display and signal-strength meter may be illuminated by touching the membrane panel.

We were not able to test the '99's ability to be controlled by computer, but it would seem that it is exceptionally well-suited to computer control of nearly any reception variable. Of course, this is a "must" for many surveillance applications, but even for other applications the US distributor currently is designing software. The widely-used RS-232 standard is used for the I/O port.

The ESKA RX99PL is housed in a rugged heavy-gauge black anodized aluminum cabinet, which is attractive, although the finish tends to scuff and scratch rather easily. The handle can be used to tilt the set to a comfortable operating angle to suit the listener, but the (glued-on) feet are only on the bottom — not the back — of the cabinet. As a result, the unit is prone to tip when set down while being carried by the handle. Although on one prototype the handle came apart because a self-tapping screw had stripped loose, on the production unit the handle held fast despite our attempts to force it apart.

In late 1985, according to the Alreso's technical director, ESKA plans to produce a 19-inch (48.2 cm) rack-mounted version of the '99. As this will be larger and for fixed use, it is scheduled to tune up to 470 MHz, have improved signal-handling capabili-

ESKA RX99M MARINE VERSION OF RX99PL

ties, and — thankfully! — include a genuine tuning knob. Plans for 1986 are less defined, but remedying the '99's mediocre ergonomics is claimed to be high on the list of priorities.

ESKA Communications Systems A-S (Frederiksundsvej 274D, DK-2700 Brønshøj, Denmark) has designed a receiver with unusual potential. The tested version may be viewed as a gem not quite yet fully polished. To what extent this potential will be realized remains to be seen, but even now it is a most unusual receiving device. In the US, the ESKA RX99PL is distributed by Electronic Equipment Bank (516 Mill Street, Vienna VA 22180).

FIXED-FREQUENCY MODEL

LINAPLEX F1

ECSS-s Performance: Excellent.

The Linaplex F1, manufactured by the British firm of Phase Track Ltd., is a good example of a receiver which may be ideal for one listener, but totally inappropriate for another.

Obviously, it is not the receiver for a shortwave bandscanner, as it has no tuning control whatsoever. The F1 only receives nine preset frequencies. You purchase crystals factory-ground for certain desired channels. If you want to change frequencies, you must order new crystals from a dealer.

LINIPLEX F1 9-CHANNEL ECSS-S RECEIVER

However, the F1 could be the right receiver for the listener who wants to hear only a limited number of favorite stations, but with audio fidelity superior to that of conventional shortwave receivers. Examples of this sort include expatriates whose interests are concentrated on hearing programs from the homeland, music enthusiasts who favor indigenous songs from given countries or regions, and those listening to classical concerts aired by the CBC Northern Service, Radio Nacional de Colombia, and selected European broadcasters.

The list also could include the traveler, although the F1 is not the perfect portable. It's the right size and weight — under 2 kg (4 lbs) — and it has self-contained batteries and a speaker. But the receiver has no carrying strap or handle and, more importantly, no built-in telescoping antenna. To function properly, the F1 requires — and comes with — a tuned, high-gain outboard antenna. . .something of a nuisance for the traveling user.

What Phase Track has done successfully is to make it easy to receive listenable signals via ECSS-s (the manufacturer dubs its version of ECSS-s "flywheel tuning").

Other approaches to automated exalted-carrier reception have relied solely on phase-locking to synchronize the receiver's internally generated carrier with the full carrier of a double- sideband AM signal (synchronous exalted-carrier selectable-sideband, or ECSS-s) or the reduced carrier of a single-sideband signal (synchronous exalted-carrier single-sideband, or ECSSB-s). This works well, although it requires a design compromise between what is called lock-in depth and lock-in width.

Lock-in depth is the ability of the circuitry to keep the two carriers perfectly in phase during fades. Lock-in width refers to the frequency range in which the carriers automatically will be locked together. The former is critical to audio quality; the latter to tuning ease. But the greater the width, the shallower the depth. And if carrier phase is lost during deep signal fading, the result is unpleasant audio- . . ."croaking" sounds and the like.

Phase Track's F1 has a relatively wide lock-in width, but — uniquely — "memorizes" the exact station frequency in order to retain phase lock even with serious shortwave signal fading. Additionally, the receiver utilizes an unusually effective type of low-distortion phase-locked circuitry for ECSS-s reception. The set thus produces a more consistently cleaner sound than does nearly any other shortwave receiver available. However, the F1 has in common with other enhanced-fidelity receivers tested the inability to perform properly in the ECSSB-s mode, as the circuitry is optimized to lock in on a full — not reduced — carrier.

Broadcasters' Choice

The F1 is the choice of the British armed forces in such locations as Gibraltar, where it is used to pick up the shortwave transmissions of the BBC for rebroadcast locally. The set also has been used successfully in an experiment by WFME-FM in metropolitan New York to receive overseas shortwave programs for local retransmission.

The Linaplex F1 has only one IF bandwidth filter — albeit one that is well-chosen. Two or more filter options would have allowed for greater flexibility in the selection of a bandwidth suited to the level of adjacent-channel interference.

The F1's sensitivity is mediocre, so a good antenna is essential. However, dynamic range — to the extent it can be measured — is superb, so overloading from strong signals is rarely a problem, even at night and when using a high-gain antenna.

Still, there are warts. Blocking is such that nearby strong signals tend to desensitize the receiver. And even though no synthesizer is used, the F1's noise floor is substandard.

The standard F1 does not cover the mediumwave frequencies where, unfortunately, it could have

(Continued on page 10)

TRAVELING ULTRA LIGHT

For the air traveler every cubic inch of suitcase space, every ounce of added luggage weight, is significant. As a result, until recent years, even a serious shortwave listener thought twice before cramming a portable shortwave receiver into his bag.

SONY ICF-2002/ICF-7600D CLOCK-PORTABLE

Then came the first of the shortwave mini-portables. No longer was there a reason to leave shortwave behind. The advantages for the vacationing or business traveler, of course, are notable: keeping in touch with events back home, political and business news, and getting a feel for the country in which one is traveling by listening to local and regional broadcasts.

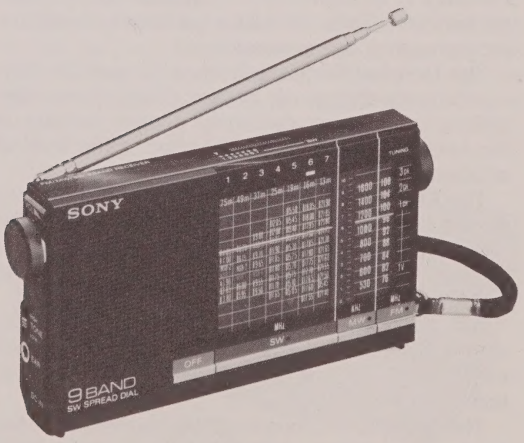
The best performer among small shortwave portables is still Sony's ICF-2002, known outside North America as the ICF-7600D. It is light and compact, simple to operate, and features digital frequency display, entered by keypad. While it clearly cannot match the performance of a table-model communications receiver, the '2002 makes an excellent traveling companion. But its suggested retail price in the US is fully $250.

Two mini-portable alternatives—even smaller and considerably less costly—are the new Sony ICF-4910 (known as the ICF-4900 outside North America), and the Kenwood R-11 (called the Trio BCL-11 outside North America). Each carries a US suggested retail price of $99.95.

The '4910 is palm-sized, measuring a mere 14.5 x 7.5 x 2.5 cm (5-¾ x 3 x 1") and weighing only 255 g (9 oz). It covers the shortwave frequencies in and around the 49, 41, 31, 25, 19, 16 and 13 meter bands.

The '4910 is a dual-conversion, analog-readout set—no digital frequency display at this price—which performs more respectably than the similar-sized, single-conversion National Panasonic RF-9 or Sony's discontinued ICR-4800. The '4910's image rejection is vastly superior, allowing the set to be generally free from internally-generated howls and whistles. Selectivity and sensitivity are at least average for a travel portable, and audio quality—even without a tone control—is not unpleasant.

The Kenwood R-11/Trio BCL-11 is larger than the

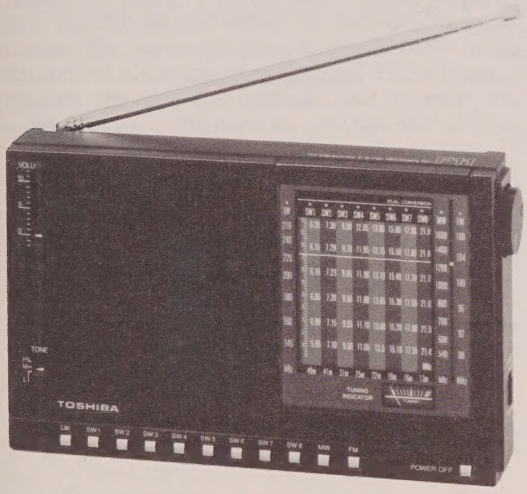


SONY ICF-4910/ICF-4900 MINI-PORTABLE

KENWOOD R-11/TRIO BCL-11 PORTABLE

'4910, but is still quite compact and light. It is actually manufactured by the Japanese electronics and appliance giant, Toshiba, and is essentially identical in appearance and—according to our tests —performance to that firm's own mini-portable model RP-F11. So all comments concerning the Trio-Kenwood model apply equally to the Toshiba.

The R-11's double-conversion shortwave coverage is limited to the frequencies around the international shortwave broadcast bands between 5.8 and 22 MHz, with the single-conversion medium wave circuitry extended upward in another band which covers the 2.3 to 5.1 MHz tropical bands portion of the shortwave spectrum. Double conversion design tends to reduce "images" (false signals generated within the IF stage of a receiver).



TOSHIBA RP-F11 PORTABLE

Frequency readout, as with the '4910, is analog, a "slide rule" type dial, accurate to approximately plus or minus 15 kHz. That can't compare with the 1-3 kHz accuracy of more costly digital frequency readout portables. But for casual listening while journeying, the degree of resolution is adequate.

Other performance factors—adjacent-channel selectivity, sensitivity, dynamic range, and audio quality—are fair to average for a compact portable.

Both the Sony ICF-4910 and the Kenwood R-11 have no built-in AC mains power supply to supplement battery operation. If an outboard power pack is used, be certain of the correct polarity (Kenwood's is the opposite of that used by Sony and certain other manufacturers). Using a power supply with incorrect polarity could cause serious damage to your radio.

Trio-Kenwood (Shionogi Shibuya Building, 17-5, 2-chome Shibuya, Shibuya-ku, Tokyo 150, Japan; 1111 West Walnut St., Compton, CA 90220 USA) distributes mostly through communications equipment and amateur radio dealers. Sony (7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo 141, Japan; Consumer Audio Marketing, Sony Drive, Park Ridge, NJ 07656 USA) and Toshiba (Sound Equipment Division, Toshiba Ginza Building, 5-2-1 Ginza, Chuo-ku, Tokyo 104, Japan; 82 Totowa Road, Wayne NJ 07470 USA) market through a wider range of outlets.

If these receivers are actively merchandised through airport gift shops and other retail outlets catering to travelers, they should serve to increase the awareness of shortwave among those who journey for business and pleasure, as well as expatriates. For travelers who refuse to carry anything nonessential unless it is unobtrusively light and compact, these shortwave radios—especially the miniature Sony—fit the bill. These radios are anything but toys, despite their tiny size.

WILL JAPAN RADIO'S NRD-525 BE THE "RECEIVER OF THE YEAR?"

Sometime later in 1985, Japan Radio is scheduled to unveil its long-awaited model NRD-525 communications receiver. Priced comparably to the excellent NRD-515 reviewed elsewhere in this edition of RADIO DATABASE INTERNATIONAL, the new '525 reportedly will feature a blend of JRC's traditional professional-quality construction, along with untraditionally advanced receiver technology.

Review Available at No Cost

Will the '525 live up to its promise? We were scheduled to answer that question in this edition, but the release date kept being put off . . . even though quantities of '525's reportedly have been warehoused in Japan for some time, now. We simply cannot hold up production of the RDI any longer.

Instead, when the receiver comes out, we will be making available, at no cost, RDI's "hands-on" report and lab tests of the '525. To obtain your complimentary copy, please send a self-addressed envelope to RDI (Box 300, Penn's Park, PA 18943 USA), and it will be forwarded to you as soon as our tests and evaluations are completed.

TECHNICAL SUPPLEMENT

WHAT RDI'S LABORATORY DATA MEAN

Laboratory measurements, although not essential to the formulation of a purchase decision, can be both informative and interesting. . .provided we recognize that lab tests alone cannot provide a dependable yardstick for judging real-life performance.

How relevant are these measurements to your own needs?

On one hand, if you listen almost exclusively to powerful international broadcasters, the measurements of chief concern are bandwidth and shape factor. Specifically, you should look for a bandwidth in the 5 to 6 kHz range, complemented by a second and narrower bandwidth—both with shape factors of 1:3 or less.

On the other hand, if you are a dedicated DX hunter, nearly all the lab measurements will have some relevance, especially if you live in a high-signal-strength zone, such as Europe, and DX the 6, 7 and 9 MHz bands evenings.

With these best and worst cases in mind, let's take a look at *RDI*'s "laboratory Sanskrit".

I. COPING WITH NEARBY SIGNALS.

Selectivity

The ability to separate the station you wish to hear from stations on adjacent channels is one of the most important variables in shortwave receiver performance. This ability is termed "selectivity".

Selectivity has three subparts: "bandwidth", "shape factor", and "ultimate rejection". Ultimate rejection has not been enumerated in the *RDI* reports, as all receivers tested this year have met the required standard of at least -60 decibels (dB). The two other subparts are:

—Bandwidth

Bandwidth—one of the measurements of receiver selectivity— refers to the breadth of radio spectrum that is passed through the receiver when adjacent signals are of a strength comparable to that of the desired station.

The objective is to let pass as much as possible of the station you wish to hear, but nothing else. With 5 kHz channel spacing being the norm among shortwave broadcasters, bandwidths of 4-6 kHz are appropriate for shortwave receivers. This is wide enough for satisfactory fidelity, yet narrow enough to reject bothersome interference in at least half the situations typically encountered. As conditions of interference vary greatly from situation to situation, better shortwave radios also include one or more narrower bandwidths to cope with more serious levels of interference. Measured in kHz (kilohertz).

RULES OF THUMB: A worthy shortwave receiver should include at least two bandwidths—one of 5 to 6 kHz, another of 2 to 3 kHz, with a possible third of 3 to 4 kHz. Some receivers include continuously variable bandwidth. This is a useful feature, but is less straightforward to activate than are single-size bandwidths. Fortunately, models with continuously variable bandwidth tend to have a number of single-size bandwidths, as well, to choose from, giving the listener the best of both worlds.

If audio fidelity is important to you, keep in mind that for listening to AM-mode broadcasts in the traditional manner, the breadth of audible audio frequencies is roughly half that of the receiver's bandwidth. For example, a 6 kHz bandwidth will let through roughly 100-3000 Hz ("cycles") of audio, whereas a 3 kHz bandwidth will let through only about 100-1500 Hz of audio. However, with certain types of ECSS the bandwidth and audio let through are more or less identical. . .3 kHz lets through roughly 100-3000 Hz, for example.

—Shape Factor

Shape factor, which measures skirt selectivity, is the ratio between the bandwidth, measured at -6 dB (where an adjacent station is of about the same strength as the one you're trying to hear), and the equivalent measurement at -60 dB (adjacent station is relatively much stronger). A good shape factor provides the best defense against adjacent powerful signals' muscling their way in to disturb reception of the desired station.

RULES OF THUMB: The smaller, the better. A shape factor equal to or less than 1:1.5 is superb; 1:1.6 to 1:2, excellent; 1:2 to 1:3, good; 1:3 to 1:4, fair; with anything larger being poor.

Dynamic Range

—Third-Order Intercept Point

Dynamic range refers to the ability of a receiver to handle simultaneously weak desired and powerful undesired signals. Inadequate dynamic range allows the receiver to be overdriven. This is manifested by "overloading"—a mishmash of the desired signal and nearby undesired signals.

Third-Order Intercept Point (TOIP) expresses dynamic range relative to the receiver's noise floor. TOIP is measured by inputting two laboratory signals into the receiver until dynamic range dysfunctions (third-order intermodulation-distortion products) are created at a level equal to that of the noise floor. The accepted standard is to space these signals 20 kHz apart. However, with shortwave broadcasters operating at 5 kHz spacing, this standard does not always give a valid indication as to what the shortwave listener may expect.

Accordingly, *RDI* tests receivers not only at the standard 20 kHz spacing, but also at the more critical 5 kHz spacing. For listening in Europe and other

zones where International Broadcasting bands are congested with exceptionally powerful signals, the 5 kHz figure should be consulted. However, for most Tropical Band DXing—or for shortwave listening in those parts of the world, such as the Americas and Australia/New Zealand, where shortwave signal strengths tend to be moderate—the 20 kHz figure usually is adequate except when outboard active preselectors or high-gain antennas are used. Measured in dBm (decibels referred to milliwatts).

RULES OF THUMB (20 KHZ): The more positive (or less negative), the better. +10 dBm or greater is superb; 0 to +9 dBm, excellent; -10 to -1 dBm, good; -20 to -11 dBm, fair; -21 and below, poor.

RULES OF THUMB (5 KHZ): The less negative, the better. -10 dBm or better is superb; -20 to -11 dBm, excellent; -30 to -21 dBm, good; -40 to -31 dBm, fair; -41 dBm and below, poor.

Other Variables

—Blocking

Blocking measures the ability of a receiver to avoid being desensitized by powerful nearby signals. Measured in dB (decibels).

RULES OF THUMB: The larger, the better. Blocking of 135 dB or more is superb; 125-134 dB, excellent; 115-124 dB, good; 105-114 dB, fair; under 105 dB, poor.

—Local Oscillator Noise

Synthesizers and similar circuits can create a "rushing" noise that is noticed only when the receiver is tuned alongside the edge of a powerful broadcast (or other carrier). In effect, the signal becomes "modulated" by the noise. Local oscillator noise is a useful measurement if you will be tuning weak signals alongside powerful signals. Measured in dBc (decibels below carrier).

RULES OF THUMB: The larger, the better. Local oscillator noise of 130 dBc or more is superb; 120 to 129 dBc, excellent; 110 to 119 dBc, good; 100 to 109 dBc, fair; under 100 dBc, poor.

II. NOISE FLOOR (ECSS/SSB) (Sensitivity).

The useable sensitivity of a receiver is a function not only of how responsive the set is to weak signals, but also how quiet the receiver is with respect to those weak signals. The measurement increasingly used to measure useable sensitivity is the noise floor.

The noise floor measures the sensitivity limit of the receiver as caused by thermal circuit noise within the receiver. Other sources of noise (man-made noise and thunderstorm static in the lower reaches of the shortwave spectrum, plus galactic noise midday in the upper portion of the spectrum) often override circuit noise in properly designed receivers. Thus, the noise floor is of greatest interest to those tuning weak signals from quiet locations. Measured in dBm (decibels referred to milliwatts), with the reference standard being 3 dB signal-plus-noise to noise (s+n/n).

Sensitivity can be improved by the addition of a good outboard active preselector (e.g., Arcomm AP-4, Palomar P-308/P-305), but usually at the expense of reduced dynamic range.

RULES OF THUMB: The more negative, the better. -140 dBm and beyond is superb; -130 to -139 dBm, excellent; -120 to -129 dBm, good; -110 to -119 dBm, fair; -109 or less, poor.

LEGEND C=24-hour clock/alarm facilities E=ECSS-s H=heavy consumption of batteries K=tuning knob M=programmable channel memories P=passband tuning PC=portable, compact PF=portable, full-size S=scanner facilities T=touchpad tuning U=up/down frequency slewing V=continuously variable bandwidth W=notch whistle filter	OPERATION		
	Listening Features	Tuning Aids	Travel Suitability
TUNABLE MODELS BEARCAT/UNIDEN DX1000	—	K,M,T,U	PF,H
ESKA RX99PL	E,P,W	S,T,U	PF,H
GRUNDIG SATELLIT 600	—	K,M,T	PF,C
HEATHKIT/ZENITH SW-7800 (revised)	—	K	—
ICOM IC-R70 (for comparison)	V,W	K,M[5]	—
ICOM IC-R71	V,W	K,M,S,T	—
ICOM IC-R71/EEB MODIFIED	V,W	K,M,S,T	—
JAPAN RADIO NRD-93	P	K,M,S[1],U	—
JAPAN RADIO NRD-515	E[4],P	K,M,T[1],U	—
SONY ICF-2010/ICF-2001D	E	K,M,S,T	PC,C
YAESU FRG-8800	—	K,M,S,T	C
NON-TUNABLE MODEL LINIPLEX F1	E	—[2]	—[3]

1. Optional.
2. 9 crystal-controlled channels.
3. Some portable features.
4. ECSS-s with ESKA Options 1 + 2 only.
5. Two tunable memories only.

Bandwidths Tested—Voice & Music [Shape Factors]	SHORTWAVE PERFORMANCE			
	Third-Order Intercept Point—20 kHz	Third-Order Intercept—5 kHz	Blocking [Local Oscillator Noise]	Noise Floor (Sensitivity)—ECSS [Preselector On]
7 kHz[X] 2.7 kHz[X]	−21 dBm	−63 dBm	116 dB	−120 dBm
7.4 kHz[1:1.5] 6.4 kHz[1:1.4] 2.2 kHz[X]	−2 dBm	−26 dBm	128 dB	−128 dBm
5.5 kHz[1:3.0] 3 kHz[9][1:2.8]	−20 dBm	X	102 dB	−128 dBm
5.5 kHz[1:2.5]	X[7]	−42 dBm	119 dB	−128 dBm
6.4 kHz[1:1.6][10] 2.1 kHz[1:1.6]	+2 dBm	−33 dBm	132 dB	129 dBm [−136 dBm]
6.8 kHz[1:1.4][10] 3.1 kHz[1:1.5] 2.4 kHz[1:1.4]	+5 dBm	−19 dBm	134 dB	−124 dBm [−131 dBm]
6.3 kHz[1:1.5][10] 3 kHz[1:1.5] 2.3 kHz[1:1.4]	−1 dBm	−16 dBm	131 dB	−124 dBm [−131 dBm]
6 kHz[1:1.5] 2.5 kHz[1:1.5]	0 dBm	−46 dBm	128 dB	−141 dBm
5 kHz[1:1.6] 2.2 kHz[1:2]	+4 dBm	−22 dBm	139 dB	−138 dBm
9.4 kHz[1:1.9] 4.3 kHz[1:2.4]	X[6]	X	113 dB	−128 dBm
8.3 kHz[1:1.8] 3.8 kHz[1:1.6]	X[8]	−31 dBm	129 dB	−132 dBm
3.7 kHz[1:1.8]	+13 dBm	X	107 dB	−113 dBm

6. TOIP −9 dBm at 50 kHz.
7. TOIP −15 dBm at 50 kHz.
8. TOIP +9 dBm at 100 kHz.
9. Medium "bandwidth" of 2.3 kHz audio mimics 4.5 kHz IF "bandwidth".
10. Plus continuously variable bandwidth, see story.

WHEN MONEY IS NO OBJECT

JAPAN RADIO NRD-93

Mention Japan Radio, and many people think immediately of the excellent NRD-515 shortwave receiver (see review elsewhere in this edition) which, although having been on the market for several years, remains the standard by which other quality sets are measured. JRC's NRD-93 is built in that tradition. It is a top-of-the-line receiver and is priced accordingly. At a suggested US retail price of $5,900, this unit is not even going to be considered by more than a scant few shortwave listeners.

The fully-synthesized '93 covers all frequencies from 90 kHz longwave to the top of the shortwave spectrum, 30 MHz, using two knobs, a bandswitch with 1 MHz steps, and a dial which pinpoint-tunes in displayed 10 Hz steps. It lacks the keypad "punch-in" frequency system of certain lower-priced receivers, but still there is an ease and precision in tuning that fairly shouts "quality"!

Frequency readouts are displayed beside each other on the front panel: tuned frequency in red numerals; beat frequency oscillator (BFO) and passband offset readouts in green. As befits a receiver designed primarily for maritime use, the '93 operates either from AC mains power or 24V DC.

Construction is modular, *a la* most computers, with a mother board and slide-in subsidiary boards to maximize reliability and minimize service headaches. Other pluses include a 60-channel frequency/bandwidth/mode memory system; up-down slewing to compliment the tuning knob during bandscanning; highly effective narrow-skirted bandwidth filters, switchable independent of mode; superb stability, with drifting of no more than 6 Hz from a cold start or 2 Hz after warmup; excellent sensitivity; two automatic gain control time constant configurations; and a particular suitability for manual ECSS operation, with the improved fidelity and reduced distortion that technique brings about. Passband tuning also is included to allow the operator to choose the exact placement of the bandwidth filter within the audio range of the signal. Audio quality is above average.

For those who delight in listening hour after hour to a major broadcaster with a variety of channels in use over time, the optional $870 NDH-93 scanner may be of interest. When a signal drops out from one channel, the accessory automatically seeks a better alternative among the remaining channels you have chosen.

This is not to suggest that the '93 is a perfect receiver. It lacks a notch filter, and its frequency synthesizer is noisier than that of the '515. . .a flaw more noticeable on laboratory instruments than to the unaided ear. The slow AGC decay rate is exceptionally slow, although the US importer, Universal Shortwave Radio (1280 Aida Drive, Reynoldsburg, OH 43068 USA), informs us that this probably can be adjusted.

JAPAN RADIO NRD-93
PROFESSIONAL RECEIVER

Dynamic range is well below that of the less-costly '515. The '93 thus is not an optimum DX set for Europeans and others located within high-signal-strength zones. While the set's two voice bandwidths of 2.5 kHz and 6.0 kHz are well chosen and effective, the pair just does not offer enough flexibility for the serious DXer. In North America, Universal remedies this by offering optional 2, 3, and/or 4 kHz Collins FD-type mechanical filters ($139.95 each) to supplement the standard voice filters in the '93.

The single-sideband tuning scheme makes it necessary to retune when going from the AM double-sideband mode to either upper or lower sideband, or when going from one sideband to the other, such as when listening via ECSS. Fortunately, the logical and precise tuning facilities serve to alleviate this.

Japan Radio Company (Sales Department, Mori Building, Fifth, 17-1 Torahomon, 1-chome, Minato-ku, Tokyo 105, Japan) has in the NRD-93 an exceptionally agreeable receiver to operate and service. But, to be frank, one doesn't purchase a professional-quality receiver expecting to hear stations not otherwise audible. Performance, overall, is not appreciably different from that of considerably less costly sets, such as JRC's own NRD-515 and NRD-525, or even the ICOM IC-R71. Pleasure and prestige likewise can come from owning a handcrafted luxury motor car, but you can also get to your destination quite acceptably in a mass-produced sedan.

WORLDWIDE SHORTWAVE BROADCASTING... AT A GLANCE

Which stations broadcast on what frequencies? At what times? To what parts of the world? In which languages? With what transmitter powers?

RADIO DATABASE INTERNATIONAL answers all these questions and more. You'll find page after page of accurate, up-to-date information about all categories of shortwave broadcasting, including independent networks such as the BBC, official government stations, commercial and religious broadcasters, secret clandestine operations, hidden "pirates", broadcast feeders...even illegal jamming transmissions.

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